



WYOMING DEPARTMENT OF
ENVIRONMENTAL
QUALITY

IMPACT System Training >Emissions Inventory

February 2015

WDEQ



Training and IMPACT Contacts

WDEQ IMPACT Contacts:

- > Setup Support - Email -
deq-air-impact@wyo.gov
- > Technical Support:
 - ❖ Zac Mangin - 307-777-6282
zachary.mangin@wyo.gov
 - ❖ Adam Deppe 307-777-8754
adam.deppe@wyo.gov
- > Program Administrator-
Brian Hall 307-777-6088
brian.hall@wyo.gov

Introductions

- Name
- Title
- Roles and Responsibilities
- Expectations for the Training

Agenda

- Introduction to IMPACT
- User Accounts
- Facility Profiles
- Emissions Inventories

Introduction to IMPACT

IMPACT OVERVIEW

Inventory, Monitoring, Permitting, And Compliance Tracking (IMPACT)

- Purpose
- Plan
- Goals
- Functionality

IMPACT – PURPOSE

- Online data system to submit applications, reports, and documents electronically to WDEQ.
- Designed to enhance the quality, efficiency, and consistency of the Air Quality Division's (AQD's) management of air quality data and provide a user-friendly interface to submit data.

IMPACT - PLAN

- Now Active:
 - Ability to verify facility data and submit NSR applications online
- Future:
 - Emission Inventory coming soon!

IMPACT - GOALS

- Minimize AQD administrative permit processing time
- Minimize repetitive data entry for emission inventories and permit applications
- Reduce the need for paper copies
- Transparency of information between AQD and regulated community
- Validate data submissions to reduce requests for additional information



IMPACT - FUNCTIONALITY

- **Facility Management**
- Permitting (NSR and Title V)
- **Emissions Reporting**
- Compliance Reporting

Creating a User Account

Getting Started in IMPACT

- To access IMPACT, all users will first need to create a user name and login on the State of Wyoming Online System (eGov)
- That user name and login will be used to set up a profile on WDEQ's Environmental IT Enterprise (ENV-ITE) system
- Once these two steps are completed, access to IMPACT for a specific company can be requested

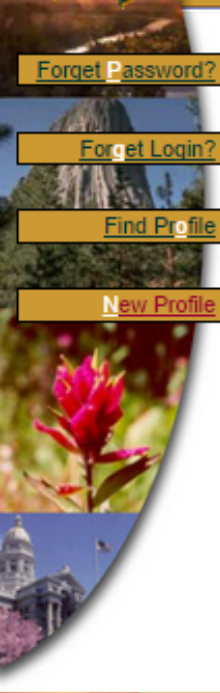
Step 1 – Create a new eGov profile



- ❖ Everyone will have to do this.
- ❖ Simple and fast.

<https://egov.state.wy.us/index.aspx>

Step 1 - Create a new eGov profile



[Forget Password?](#)

[Forget Login?](#)

[Find Profile](#)

[New Profile](#)

New User Profile

In order to access State Of Wyoming Online Services, you must create a profile with basic information about yourself. You will use this profile to access a number of government services associated with the State of Wyoming Online Services.

The form will take a few minutes to complete. You can use the tab key to step through the form. During the registration process you will also be prompted to create a login id and password. If the profile is accepted, you will automatically be logged in using the login id and password that you created. Keep your login and password in a safe place. You can update your profile at any time. If you have any questions regarding use of your personal information please refer to the [State of Wyoming Privacy Policy](#).

Please note required fields.

Personal Information

First Name: (Required)
Last Name: (Required)
Middle Name:
SSN: (highly recommended; required for State employees)
Date of Birth:
Email Address:

NOT required –
WDEQ does not
need your SSN

Addresses

Type:
Address:
City:
State:
Zip:

Phone Numbers

Home Phone: () -
Work Phone: () -
Message Phone: () -

Drivers License

Driver's License Number:
Driver's License State:
Driver's License Type:

Mail Preference

What is your preferred method of communication?

- ☐ Send it to my eMail address:
- ☐ Send it to my Mailing address:
- ☐ No Contact

State Employee

☐ I am a State of Wyoming Employee.
Agency:

Step 1 – Create a new eGov profile

Create Login ID and Password

Watch Password Rules Status below as you type in your new password.

Login ID: (Required)

Password: (Required) [View Password Requirements](#)

Re-enter Password: (Required)

Password Rules Status

- Low Security
- ✗ 8 Characters
- ✗ 1 Uppercase Letter
- ✗ 1 Lowercase Letter
- ✗ 1 Numeric Character
- ✓ No Repeating Letters

Secret Question and Answer

If you forget your password, you will be asked to answer your secret question correctly to receive a new password. Protect yourself by selecting a question that only you know the answer to.

Secret Question: (Required)


Secret Answer: (Required)

Mother's Maiden Name: (Required)

Click Add once
you've
completed the
required
information

Step 2: Login to ENV-ITE

Wyoming DEQ | Citizen | Business | Government | Visitor |

 **ENV-ITE**
Wyoming Department of Environmental Quality

DEQ Home Page ▾

Read the
“Attestation
Warning”
and check
the box

Enter your
eGOV login
information

Login

ENV-ITE requires a free account from [eGov - State of Wyoming Online Services](#).

ATTESTATION WARNING

This Environmental IT Environmental (“ENV-ITE”) system has been established by the Wyoming Department of Environmental Quality (WDEQ) for the use of businesses or entities required to file reports or other data pursuant to federal and state laws and regulations. By affixing my electronic signature to any documents or data and by choosing to submit documents and data through the WDEQ’s ENV-ITE system, I certify, acknowledge, and/or agree as follows:

- I am responsible for protecting my PIN, answers to secret questions from compromise;
- That I am the duly authorized representative of the business or entity associated with the electronic signature credential assigned to me by the WDEQ and that I am uniquely entitled to use the signature device;
- That the data I am submitting is true and correct to the best of my knowledge;
- That I may be subject to civil or administrative enforcement and penalties for failure to comply with reporting requirements under regulatory programs applicable to the business or entity I represent;
- That I may be subject to criminal liability for false certification of the data submitted; and
- That I am free to discontinue any transaction prior to finalization; otherwise, the document will be submitted to the WDEQ and the transaction will be complete, subject to my opportunity to repudiate the document as submitted in a human-readable format.

☐ I certify, acknowledge, and/or agree to the above.

Username

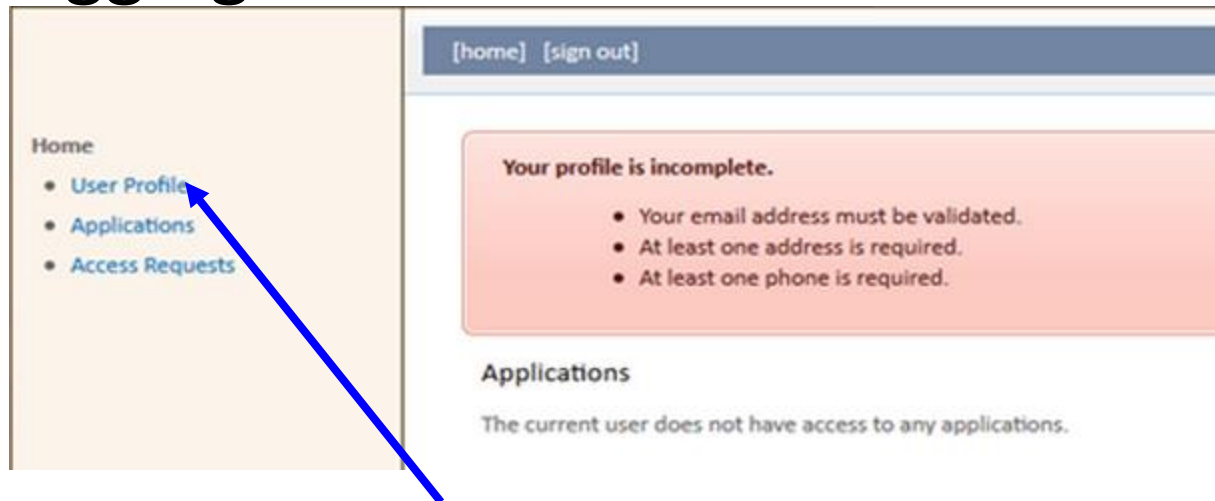
Password

Click “Sign In”

<http://envite.deq.wyoming.gov>

Step 3: Complete User Profile

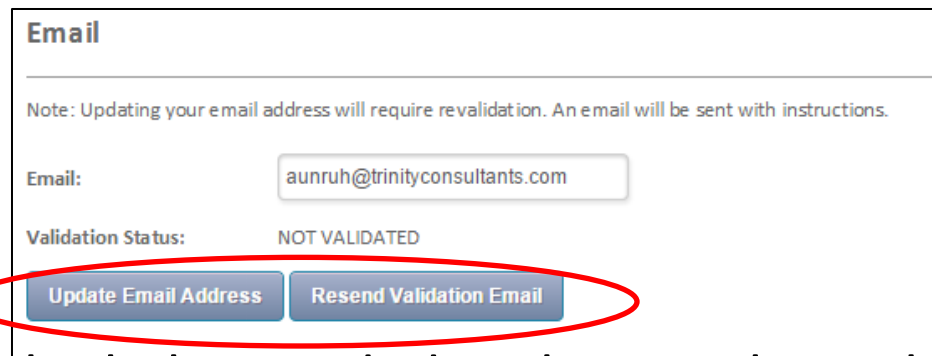
- May receive the following message upon logging in to ENV-ITE:



Click "User Profile" to validate email
and fill in missing information

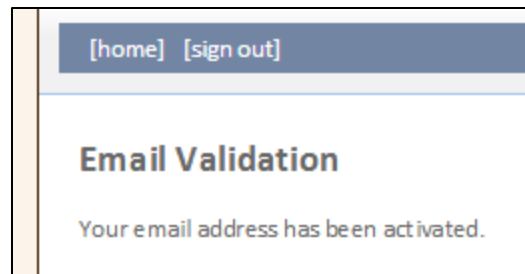
Step 3: Complete User Profile

- Email Verification:
 - Initial validation email automatically sent to the address provided in eGOV when you login to ENV-ITE
 - If you don't receive it, check your spam folder first, then resend the email or update your address if necessary



The screenshot shows a web form titled "Email". Below the title is a note: "Note: Updating your email address will require revalidation. An email will be sent with instructions." There is an "Email:" label followed by a text input field containing "aunruh@trinityconsultants.com". Below this is a "Validation Status:" label followed by the text "NOT VALIDATED". At the bottom of the form are two buttons: "Update Email Address" and "Resend Validation Email". These two buttons are circled in red.

- Click the link provided in the email to validate










The screenshot shows a web page with a header containing "[home]" and "[sign out]" links. Below the header is a section titled "Email Validation". Under this title, the text "Your email address has been activated." is displayed.

Step 3: Complete User Profile

- Add an Address (may be pulled from eGOV)



Addresses

[Add Address](#)

Edit ▲	Address ▼	City ▼	State ▼	Zip ▼	Delete ▲
	1391 N Speer Blvd, Ste 350	Denver	CO	80204	
	  1  				Displaying items 1 - 1 of 1

Phones

[Add Phone](#)

Edit ▲		Number	Y	Delete ▲
		720-638-7647		
	  1  		Displaying items 1 - 1 of 1	

Step 4: Request Access

- > Go to Access Requests, then Request New Access

The screenshot displays the ENV-ITE web application interface for the Wyoming Department of Environmental Quality. The header includes the state logo, the text 'ENV-ITE Wyoming Department of Environmental Quality', and a navigation bar with '[home]' and '[sign out]' links. A left sidebar contains a 'Home' menu with links to 'User Profile', 'Applications', and 'Access Requests'. The main content area is titled 'Access Requests' and features a 'Request New Access' button in the top right corner. Below this is a table with columns for 'Application', 'Organization', 'ENVITE Role', and 'Status'. The table currently shows 'No records to display.' and pagination controls at the bottom indicating 'Displaying items 0 - 0 of 0'. The footer contains links for 'WS-Federation Metadata', 'Prod | Internet', 'Privacy Policy', 'Copyright Statement', and a copyright notice for 2014.

<https://envite.deq.wyoming.gov/account/signin?ReturnUrl=%2f>

Step 4: Request Access

[home] [sign out]

Request Access

Application

Organization

ENVITE Role

Choose "IMPACT"

Select your organization

Select your ENV-ITE Role:

- ♦ eSign - Able to submit applications and reports (e.g. Environmental Manager, Project Manager, RO, etc...)
- ♦ Edit - Read/edit capabilities. Can validate data, but not submit reports, EIs, and certain applications. However, able to submit facility profile and contact changes (e.g. environmental staff, consultant, anyone the facility entrusts to enter data).
- ♦ Trusted Partner - Not supported by IMPACT

Step 4: Request Access

Access Request

Status: Pending Submission

Username:

Name:

Unsigned Affidavit:



ENVITE Role: eSign

Application: IMPACT

Organization: Wyoming Department of Environmental Quality

Additional Security Requirements for eSign Role

PIN Entered:



Enter your PIN now

Security Questions Entered:



[Enter your Security Questions now](#)

Workflow

Action:

Send to Agency for Approval ▼

Notes:

Submit

Workflow History:

Status	Note	User	Date
Pending Submission			8/27/2014 1:43:37 PM

Step 4: Request Access

- Set a PIN

[\[home\]](#) [\[sign out\]](#)

PIN Management

1. A PIN is used to digitally sign your documents.
2. When digitally signing a document, you will be asked to re-enter this PIN.
3. Safeguard your PIN. It is not recoverable and is known only to you.
4. You will be asked to sign a legal document describing your responsibilities regarding use of this PIN.

You have not previously set a PIN.

Enter a new PIN

PIN:

PIN (Confirm):

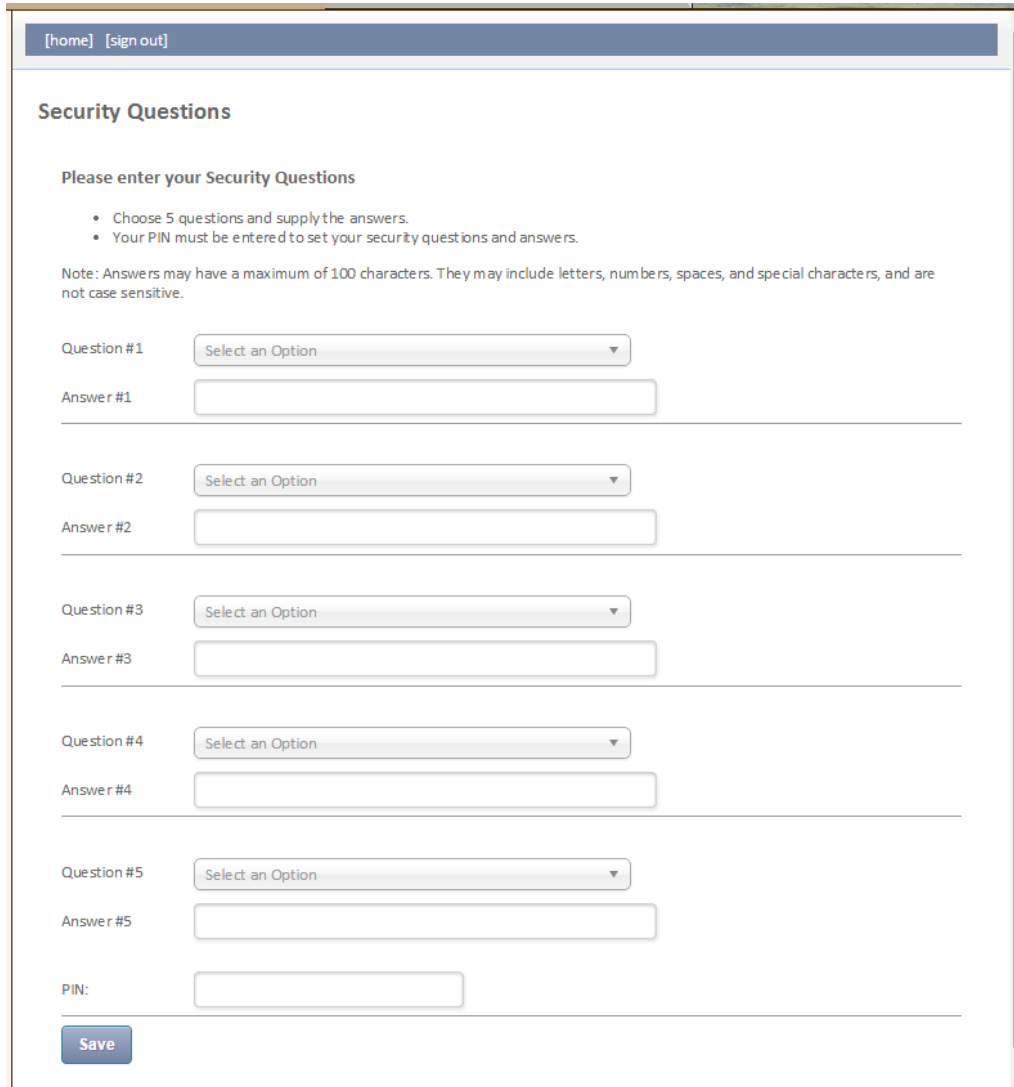
Password:

PIN must meet the following requirements:

- ✗ 8 Characters Minimum
- ✗ 1 Uppercase Letter
- ✗ 1 Lowercase Letter
- ✗ 1 Numeric Character
- ✗ No Repeating Characters
- ✓ PIN must match PIN (Confirm)

Step 4: Request Access

- Set Security Questions/Answers



[home] [sign out]

Security Questions

Please enter your Security Questions

- Choose 5 questions and supply the answers.
- Your PIN must be entered to set your security questions and answers.

Note: Answers may have a maximum of 100 characters. They may include letters, numbers, spaces, and special characters, and are not case sensitive.

Question #1

Answer #1

Question #2

Answer #2

Question #3

Answer #3

Question #4

Answer #4

Question #5

Answer #5

PIN:

Step 4 – Request Access

- Select icon to download the unsigned affidavit

Access Request

Status: Pending Submission

Username:

Name:

ENVITE Role: eSign

Application: IMPACT

Organization: Wyoming Department of Environmental Quality

Unsigned Affidavit:



Workflow

Action:

Send to Agency for Approval ▼

Notes:

Submit

Step 5: Complete Affidavit

- Affidavit will need to be signed by the applicant and person in company approving access (eSign role)
- If requesting eSign access, the affidavit will also need to be notarized

This section completed by applicant

SAMPLE AFFIDAVIT

STATE OF Refers to the State where the Affidavit is notarized

COUNTY OF Refers to the County where the Affidavit is notarized

I, First and Last Name, as an agent of Company Name having been first duly sworn on oath deposes and says:

I understand that the Wyoming Department of Environmental Quality ("DEQ") shall allow me to submit electronic documents to the ENV-ITE System under authorized programs in lieu of paper submissions.

I agree to protect my unique electronic signature device from compromise and from use by anyone except me. Specifically, I agree to maintain the secrecy of the password and PIN; I will not divulge or delegate my user name, password or PIN to any other individual; I will not store my password or PIN in an unprotected location; and I will not allow my password or PIN to be written into computer scripts to achieve automated log-in.

I agree to contact the DEQ ENV-ITE administrator at wdeq.envite@wyo.gov as soon as possible, but no later than 24 hours, after suspecting or determining that my user name, password and/or PIN have become lost, stolen or otherwise compromised.

I agree that I will review the contents of all electronic submissions prior to submission.

I understand and agree that I will be legally bound, obligated, or responsible by my use of my electronic signature, as I would be using my hand-written signature.

I understand that I will automatically receive an e-mail receipt from the DEQ's ENV-ITE System for any submission that contains a valid electronic signature, identifying the document received, the signatory, and the date and time of receipt.

I agree that I will contact the DEQ ENV-ITE Administrator if I do not receive an e-mail receipt as specified above within five (5) business days for any submission to the DEQ's ENV-ITE System.

I understand that I will have the opportunity to review the document submitted in a human-readable format and an opportunity to repudiate the electronic document based on this review.

I understand that the DEQ's ENV-ITE System will automatically reject any electronic document submitted without a valid electronic signature if such signature is required.

I understand that the DEQ may contact the Company Official(s) who signs below to authorize me as signatory for the company in order to verify my identity.

I agree to notify the DEQ ENV-ITE System Administrator if I cease to represent the regulated entity specified above as signatory as soon as this change in relationship occurs and I agree to retain a copy of this signed affidavit as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: Signature of ENVITE account holder Print Name and Title: _____

Auto-filled based
on eGOV profile

Sign and print
name/title

This section completed by **company/government owners/representatives who are authorizing ENV-ITE users to sign/edit**

I/We, could be a Director; or Corporate Officer; or Mayor; or Elected Official, as an agent of COMPANY NAME having been first duly sworn on oath deposes and says:

I/We, Director; or Corporate Officer; or Mayor; or Elected Official, assign the following person to e-sign electronic documents to the ENV-ITE System under authorized programs in lieu of paper submissions:

Authorized Program:	<u>IMPACT</u>
Name:	<u>First and Last Name</u>
Title:	<u>Title</u>
Employed by or on behalf of:	<u>Company Name</u>
Address:	<u>Address of ENVITE account holder</u>
Phone:	<u>Phone Number</u>
e-mail (Required)	<u>eMail address</u>

Auto-filled from
ENV-ITE

I/We understand that is my/our responsibility to notify WDEQ in the event of:

1. The login credentials of the assigned person has been compromised (or suspected to have been compromised)
2. A facility has been closed
3. Change in employment status of assigned person
4. Name change of the assigned person

For corporations, non-profits, and LLCs: The corporation or entity, acting through the **officers** whose signatures appear below, acknowledges and accepts legal responsibility for the accuracy and completeness of any submissions (permits, data, etc.). Any submissions that are e-signed by the submitter are the corporation's or entities legal responsibility.

For governmental entities: The governmental entity, acting through the **officers** whose signatures appear below, acknowledges and accepts legal responsibility for the accuracy and completeness of any submissions (permits, data, etc.). Any submissions that are e-signed by the submitter are the government entities legal responsibility.

For partnerships and sole proprietorships: I/we acknowledge and accept legal responsibility for the accuracy and completeness of any submissions (permits, data, etc.). Any submissions that are e-signed by the administrator submitter are my/our legal responsibility.

Corporations, limited liability corporations, partnerships and governments require **two individual signatures.** For partnerships, the signatures must be general partners. For governmental entities, the signatures must be elected officials or officers that have the lawful authority to bind the entity.

Sole proprietorships require only the owner's signature.

Number of signatures
required dependent on
type of
organization/government
entity

Step 5: Complete Affidavit

- All signatures for eSign role affidavit (2 or 3 depending on organization type) must be notarized

ALL SIGNATURES MUST BE NOTARIZED.

Signature: Signature of 1st official representative Print Name and Title: _____

ATTEST	_____ (Seal)
Subscribed in my presence and sworn to before me this _____, day of _____, 20____. Witness my hand and official seal:	
My Commission Expires: _____ Notary Public	

Signature: Signature of 2nd official representative Print Name and Title: _____

ATTEST	_____ (Seal)
Subscribed in my presence and sworn to before me this _____, day of _____, 20____. Witness my hand and official seal:	
My Commission Expires: _____ Notary Public	

Step 5: Complete Affidavit

- **Mail** the affidavit to the WDEQ:
 - Wyoming Department of Environmental Quality
ENVITE
122 West 25th Street
Herschler Building, 4th Floor West
Cheyenne, WY 82002
- The original signed/notarized version is required by the WDEQ, therefore the affidavit cannot be submitted via email or fax

Step 5: Complete Affidavit

- WDEQ staff will complete the approval process, request additional information, or deny the access request
- Applicants will receive email updates at each stage of the approval process
- You can also check the status through the ENV-ITE website

[home] [sign out]

Access Request

Status:	Approved
Username:	
Name:	

Unsigned Affidavit:	
Signed Affidavit:	

Signed affidavit
will be uploaded
by WDEQ upon
approval

Step 6: Access IMPACT

- Once the WDEQ has approved and uploaded your affidavit, you will be able to login directly to IMPACT and access facility information:
 - airimpact.wyo.gov
- Agree to the Attestation Warning and sign-in using your username and password

You are logging into **IMPACT** via ENV-ITE.

Login

ENV-ITE requires a free account from [eGov - State of Wyoming Online Services](#).

ATTESTATION WARNING

This Environmental IT Environmental ("ENV-ITE") system has been established by the Wyoming Department of Environmental Quality (WDEQ) for the use of businesses or entities required to file reports or other data pursuant to federal and state laws and regulations. By affixing my electronic signature to any documents or data and by choosing to submit documents and data through the WDEQ's ENV-ITE system, I certify, acknowledge, and/or agree as follows:

- I am responsible for protecting my PIN, answers to secret questions from compromise;
- That I am the duly authorized representative of the business or entity associated with the electronic signature credential assigned to me by the WDEQ and that I am uniquely entitled to use the signature device;
- That the data I am submitting is true and correct to the best of my knowledge;
- That I may be subject to civil or administrative enforcement and penalties for failure to comply with reporting requirements under regulatory programs applicable to the business or entity I represent;
- That I may be subject to criminal liability for false certification of the data submitted; and
- That I am free to discontinue any transaction prior to finalization; otherwise, the document will be submitted to the WDEQ and the transaction will be complete, subject to my opportunity to repudiate the document as submitted in a human-readable format.

☐ I certify, acknowledge, and/or agree to the above.

Username

Password

Getting Started...

Getting Started..

- > Google Chrome is the recommended browser for IMPACT
- > BACK button on browser will not work
- > ENTER button on keyboard does not work
 - ❖ Click “submit” instead
- > Ensure you have pop-ups enabled for the site
- > [Welcome to IMPACT - YouTube Link](#)



Accessing IMPACT

- Select your company by clicking on the AQD Company ID

IMPACT Company Selector

Account Information
Name: aqdstaff

Choose Company
To manage a company's facilities, select its AQD Company ID from the following list of authorized companies. To return to the company selector from another page, press the Company Selector link in the top right corner.

AQD Company ID	AQD Company Name	ENVITE ID	Access Level
CMP000795	WDEQ/WQD	795	eSigner

[Printable view](#) [Export to excel](#)

Accessing IMPACT

- Select your facility by clicking on the Facility ID

IMPACT Facility Selector

Account Information

Name: aqdstaff

Company Name: WDEQ/WQD

ENVITE Company Id: 795

Access: eSigner

Choose Facility

To manage a facility, select its Facility ID from the following list of authorized facilities. To return to the facility selector from another page, press the Facility Selector link in the top right corner.

Facility ID	Facility Name	Operating	Facility Class	Facility Type	County	Lat/Long
F025927	AQD Test Facility	Operating	Title V	Compressor Station	Converse	43.29083/-105.09956

Printable view

Export to excel

Navigating IMPACT: Menu System

> Tiered menu system:

- ❖ **Top row of links** is always visible, and will allow you to select a different company/facility
- ❖ Select company, then facility
- ❖ **First** and **second** level menus are visible from the IMPACT Home page for a given facility

Version 5.0 | Build ID: 8.2.0
Welcome aqdstaff

[Return to Company Selector](#) [Return to Facility Selector](#) [Return to ENVITE home page](#)

IMPACT Home

Task - Facility Contact Change

Task - Facility Inventory Change

Tasks | [Current Facility Inventory](#) | [Current Owner](#) | [Contacts](#) | [Applications](#) | [Emissions Inventories](#) | [Permits](#) | [Compliance Reports](#) | [Event Logs](#) | [External References](#)

IMPACT Home >

- [Owners](#)
- [Contacts](#)
- [Emission Units](#)
- [Control Equipment](#)
- [Release Points](#)
- [Applications](#)
- [Permits](#)
- [Emissions Inventories](#)
- [Rules & Regs](#)
- [Facility Inventory History](#)
- [Event Logs](#)
- [Compliance Reports](#)

- ❖ A **third** level menu may appear on the left depending on the first and second level
- ❖ **Bottom row of links** includes those at the top of the page and the first level menu items

[IMPACT Home](#)

[Task - Facility Contact Change](#)

[Task - Facility Inventory Change](#)

[Task - NSR Application \(A0000489\)](#)

[Task - NSR Application \(A0000493\)](#)

[Task - Stack Test \(18641\)](#)

[Return to Company Selector](#)

[Return to Facility Selector](#)

[Return to ENVITE home page](#)

Navigating IMPACT: First Level Menu

IMPACT Home

Task - Facility Contact Change

Task - Facility Inventory Change

Task - NSR Application (A0000489)

Task - NSR Application (A0000493)

Task - Stack Test (18641)

- > IMPACT Home tab is always available
- > Other first level menu options will vary depending on In Progress Tasks. These may include:
 - ❖ Facility Contact Change
 - ❖ Facility Inventory Change
 - ❖ NSR Application
 - ❖ Title V Application
 - ❖ TV (Title V) Emissions Inventory
 - ❖ Stack Test
 - ❖ Reporting (various types)
- > Only one Facility Inventory Change and one Facility Contact Change tab may be open at a time
- > Multiple reports/applications may be in progress simultaneously, and separate first level menu tabs will be available for each

Navigating IMPACT: Second Level Menu

Tasks

[Current Facility Inventory](#) | [Current Owner](#) | [Contacts](#) | [Applications](#) | [Emissions Inventories](#) | [Permits](#) | [Stack Tests](#) | [Compliance Reports](#) | [Event Logs](#) | [External References](#)

- The IMPACT HOME tab defaults to the current in progress tasks at the facility

IMPACT Home

Facility Information

Facility ID: F025927 Facility Name: AQD Test Facility District: District 2
Facility Type: Compressor Station Company Name: WDEQ/WQD County: Converse
Physical Address: On Cow Creek Road 2 miles east of Dull Center Road City: Converse County
Lat/Long: [43.29083/-105.09956](#) PLSS: QSESE-S2-T38N-R69W

In Progress Tasks

Select	Task Type	Task Description	Dependent on Task	Created Date	User Name
<input type="radio"/>	Facility Contact Change	Facility Contact Change	N/A	8/18/2014	aqdstaff
<input type="radio"/>	Facility Detail Change	Facility Inventory Change	Facility Contact Change	8/18/2014	aqdstaff
<input type="button" value="Delete selected task(s)"/> <input type="button" value="Printable view"/> <input type="button" value="Export to excel"/>					

New Tasks

Select from the lists below to create a new task

Facility Management

Permitting

Emissions Reporting

Compliance Reporting

Clicking these buttons will create first level menu options

Navigating IMPACT: Second Level Menu

Tasks **Current Facility Inventory** Current Owner | Contacts | Applications | Emissions Inventories | Permits | Stack Tests | Compliance Reports | Event Logs | External References

- Information about the facility and its emission units, control devices, and release points can be found in the Current Facility Inventory tab

Selecting different elements of the Facility Tree will display information about the equipment

Facility Detail

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 8/20/2014
Version End Date: Current

Collapse Facility Tree

F025927

DHY001

PRC006

VER004

ENG001

PRC001

LNB001

VER001

ENG002

PRC002

VER002

ENG003

PRC003

VER003

ENG004

PRC008

OXI004

VER008

FUG001

PRC004

AVL001

FUG002

PRC005

AVL002

TNK001

PRC007

AVL003

Disassociated CEs

Emissions Unit Information

AQD ID: DHY001

Emission Unit Type: Dehydration Unit [Help me select the Emission Unit Type](#)

AQD Description: H1 - Glycol Heater T-214

Company Equipment ID: DHY1

Company Equipment Description: Dehy

Operating Status: Operating

Initial Construction Commencement Date: 3/6/2012

Initial Operation Commencement Date: 3/6/2012

Most Recent Construction/Modification Commencement Date: 3/6/2012

Most Recent Operation Commencement Date: 3/6/2012

Emission Unit Type Specific Information

Dehydration Type: DEG

Design Capacity 30.00 (MMscf/day):

Permitted Emissions

This table is populated by AQD staff based on established/permitted emission limits. It is shown here for informational purposes only.

Pollutant	Potential Emissions Rate Units	Allowable Emissions Rate Units	Comments
<div>Printable view Export to excel</div>			

Edit

Create Cloned Emissions Unit

Create Emissions Process

Navigating IMPACT: Second Level Menu

Tasks | Current Facility Inventory | **Current Owner** | Contacts | Applications | Emissions Inventories | Permits | Stack Tests | Compliance Reports | Event Logs | External References

- Basic information about the current owner is displayed in the Current Owner tab
- This tab is populated by the Division
- Ownership changes are still handled outside of IMPACT

Current Owner

Company Information

ID: CMP000795
Name: WDEQ/WQD
Alias:
ENVITE ID: 795
Phone:
Fax:

Address1:

Address2:

City:

State:

Zip:

Country:

Navigating IMPACT: Second Level Menu

Tasks | Current Facility Inventory | Current Owner | **Contacts** | Applications | Emissions Inventories | Permits | Stack Tests | Compliance Reports | Event Logs | External References

Contacts

Facility ID: F025927

Facility Type: Compressor Station

Facility Name: AQD Test Facility

Company Name: WDEQ/WQD

District: District 2

County: Converse

Version Start Date: 8/20/2014

Version End Date: Current

▼ Contact Types

Contact Type	Contact ID	Contact Name	Phone Number	Email	Start Date	End Date ▲
Environmental contact	CNT031330	Allen, Richard			7/7/2014	
Billing contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Compliance contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
TV Permitting contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Responsible Official	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Responsible Official	CNT029773	Uzzell, James			8/7/2014	

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▼ Contacts

Contact ID	Last Name ▲	First Name	Preferred Name	Phone	Email	Company ID	Company Name
CNT031330	Allen	Richard				CMP000795	WDEQ/WQD
CNT029955	Allen	Regina		(307)777-5974		CMP000795	WDEQ/WQD
CNT030755	Arment	Jean				CMP000795	WDEQ/WQD
CNT029823	Bartell	Leslie		(307)332-6755		CMP000795	WDEQ/WQD
CNT029655	Bleile	Heather		(307)777-7802		CMP000795	WDEQ/WQD
CNT029370	Bocchino	Lori		(307)777-8578		CMP000795	WDEQ/WQD
CNT029367	Dietrich	Steven		(307)777-7391	Sdietr@wvo.gov	CMP000795	WDEQ/WQD
CNT031006	Feusner	LeRoy				CMP000795	WDEQ/WQD
CNT029699	Finch	Joel		(307)335-6936	joel.finch@wvo.gov	CMP000795	WDEQ/WQD
CNT029525	Finley	David				CMP000795	WDEQ/WQD
CNT029372	Gill	Robert		(307)777-3774		CMP000795	WDEQ/WQD

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Facility
Contacts are
listed in the
Contacts
Types table

All contacts
for the
company are
listed in the
Contacts table
(although this
may not
include
consultant
contacts)

Navigating IMPACT: Second Level Menu

Tasks | Current Facility Inventory | Current Owner | Contacts | Applications | Emissions Inventories | Permits | Stack Tests | Compliance Reports | Event Logs | External References

- Applications that have been submitted appear in the Applications tab
- Emissions inventories submitted through IMPACT will be available in the Emissions Inventories tab
- Active permits for the facility will appear in the Permits tab
- Stack testing submitted through IMPACT will appear in the Stack Tests tab
- Compliance reports submitted through IMPACT (emission unit start-up, quarterly CEM/COM monitoring, etc.) appear in the Compliance Reports tab

Navigating IMPACT: Second Level Menu

Tasks | Current Facility Inventory | Current Owner | Contacts | Applications | Emissions Inventories | Permits | Stack Tests | Compliance Reports | **Event Logs** | External References

- The Event Logs tab allows users to see any submittals or changes to the facility

Event Logs

Facility ID: F025927 Facility Name: AQD Test Facility District: District 2 Version Start Date: 8/20/2014
Facility Type: Compressor Station Company Name: WDEQ/WQD County: Converse Version End Date: Current

Date	Staff	Event Type	Note
03/06/2014 13:54:19	Hall, Brian	Facility Inventory Change Event	Facility Name changed from [Dummy Station] to [AQD Test Facility]
03/06/2014 13:25:29	Mangin, Zachary	Facility Inventory Change Event	Billing contact changed to: [Staff, AQD] as of: [03/06/2014 12:00:00]
		Printable view	Export to excel

Navigating IMPACT: Second Level Menu

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- Links to a number of tools and guidance documents can be found in the external references tab

General

[Wyoming FAQ](#)
[Wyoming Public Notices](#)
[SCC Codes](#)
[NAICS Reference Information](#)

Guidance

[Exceptional Event Letter Guidance](#)
[Guidance for Ambient Monitoring Network Change](#)
[New Source Construction Permit Guidance](#)
[Oil and Gas Guidance](#)
[Coal Bed Methane Guidance](#)
[Title V Operating Permit Guidance](#)
[Emissions Inventory Guidance](#)
[Asbestos Guidance](#)
[Excess Emission Guidance](#)
[Division Approved Calculation Methods for Various Sources](#)
[Potential to Emit \(PTE\) Guide](#)
[USEPA - Applicability Determination Index](#)
[USEPA - Control Equipment Knowledge Base](#)
[USEPA - Control Techniques Guidelines](#)
[USEPA - Industry Sector Notebooks](#)
[USEPA - Policy and Guidance](#)
[USEPA - Region 8](#)
[USEPA - Technology Transfer Network](#)
[USEPA - Region 8 - Air Permitting](#)
[USEPA - Region 8 - National Environmental Policy Act \(NEPA\)](#)
[EPA-Emission Measurement Center](#)
[USEPA](#)
[Wyoming DEQ/Air Quality Division Requirements for Submitting Modeling Analyses \(Major/PSD Sources\)](#)
[Wyoming DEQ/Air Quality Division Requirements for Submitting Modeling Analyses \(Minor Sources and CBM Sources\)](#)

Tools and Software

[Air Dispersion Modeling Conversions and Formulas](#)
[Paint and Coating emissions calculator](#)
[Unit Conversion calculator](#)

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The third level menu helps you
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Owners

Facility ID: F025927	Facility Name: AQD Test Facility	District: District 2	Version Start Date: 9/10/2014
Facility Type: Compressor Station	Company Name: WDEQ/WQD	County: Converse	Version End Date: Current
Company ID	Company Name	Start Date	End Date
CMP000795	WDEQ/WQD	3/6/2014	
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The third level menu helps you
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Contacts

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 9/10/2014
Version End Date: Current

▼ Contact Types

Contact Type	Contact ID	Contact Name	Phone Number	Email	Start Date	End Date ▲
Environmental contact	CNT031330	Allen, Richard	(555)555-5555	Unknown@gmail.com	7/7/2014	
Billing contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Compliance contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
TV Permitting contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Responsible Official	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Billing contact	CNT029773	Uzzell, James			9/10/2014	
Responsible Official	CNT029773	Uzzell, James			8/7/2014	9/9/2014

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▼ Contacts

Contact ID	Last Name ▲	First Name	Preferred Name	Phone	Email	Company ID	Company Name
CNT031330	Allen	Richard		(555)555-5555	Unknown@gmail.com	CMP000795	WDEQ/WQD

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Emission Units

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 9/10/2014
Version End Date: Current

AQD ID	AQD Description	Company Equipment ID	Company Equipment Description	Emissions Unit Type	Operating Status	Completion of Initial Installation Date
AMN001		AMINE1	Amine Unit	Amine Unit	Not Yet Installed	
AMN002		AMINE2	Amine Unit	Amine Unit	Not Yet Installed	
AMN003		AMN004	Amine unit	Amine Unit	Not Yet Installed	
BOL001		BOIL001	Boiler	Boiler	Not Yet Installed	
DHY001	H1 - Glycol Heater T-214	DHY1	Dehy	Dehydration Unit	Operating	3/6/2012

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The third level menu helps you
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Control Equipment

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 9/10/2014
Version End Date: Current

AQD ID	AQD Description	Company Control Equipment ID	Company Control Equipment Description	Control Equipment Type	Operating Status	Initial Installation Date	Associated AQD Emissions Unit IDs
FLA001		FL001	Flare 1	Flare	Not Operating	9/12/2014	AMN001, AMN002
FLA002		F1	Flare	Flare	Not Operating	1/1/2015	FUG001
FLA003		F2	Backup Flare	Flare	Operating		FUG001
FLA004		F1	Flare - Primary	Flare	Not Operating		FUG003
FLA005		F2	Flare - Backup	Flare	Not Operating		FUG003
LNB001	LNB	LNB1	LNB	Low NOx Burner	Operating	3/6/2014	ENG001

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Release Points

Facility ID: F025927 Facility Name: AQD Test Facility District: District 2 Version Start Date: 9/10/2014
Facility Type: Compressor Station Company Name: WDEQ/WQD County: Converse Version End Date: Current

AQD ID	AQD Description	Company Release Point ID	Company Release Point Description	Release Point Type	Operating Status	CEM(s) Present	Associated AQD Emissions Unit IDs
VER013		AMNXX	amine treater vent	Vertical	Not Operating	<input type="checkbox"/>	AMN003
AVL001	Fugitives from Pneumatic Controllers	AVL1	AVL1	Fugitive (Area, Volume, Line)	Operating	<input type="checkbox"/>	FUG001
AVL002	Fugitive Equipment Leaks	AVL2	AVL2	Fugitive (Area, Volume, Line)	Operating	<input type="checkbox"/>	FUG002

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Applications

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 9/10/2014
Version End Date: Current

Request Number	Request Type	Received Date	Previous Application Number	Permit Number(s)
A0000508	NSR Application	9/4/2014	A0000489	P0000106
A0000489	NSR Application	8/22/2014	N/A	P0000101

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Permits

Facility ID: F025927

Facility Type: Compressor Station

Facility Name: AQD Test Facility

Company Name: WDEQ/WQD

District: District 2

County: Converse

Version Start Date: 9/10/2014

Version End Date: Current

Permit Number	Legacy Permit Number	Application Numbers	Type	Reason(s)	Public Notice		PP Publication		Final Issuance		Expiration Date
					Date	Document	Date	Document	Date	Document	
P0000101		A0000489	NSR	Not yet assigned							
P0000101		A0000489	NSR	Not yet assigned							
P0000106		A0000508	NSR	Not yet assigned							
P0000106		A0000508	NSR	Not yet assigned							

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Emissions Inventories

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 9/10/2014
Version End Date: Current

Inventory ID	Previous Inventory	Facility History ID	District	Year	Category	Reporting State	Received Date	Total Emissions Reported (Tons)
EI0000030		Current (26453)	District 2	2013	TV	Submitted	9/10/2014	16

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Rules & Regs Applicability

Subject to Part 60 NSPS: ☐

Subject to Part 61 NESHAP: ☐

Subject to Part 63 NESHAP: ☐

Subject to PSD: ☐

Subject to non-attainment NSR: ☐

Subject to 112(r) Accidental Release Prevention: ☐

Subject to Title IV Acid Rain: ☐

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Facility Inventory History

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 9/10/2014
Version End Date: Current

Version ID	Version Start Date	Version End Date	Preserved
CURRENT	9/10/2014		<input checked="" type="checkbox"/>
26452	9/10/2014	9/10/2014	<input checked="" type="checkbox"/>
26450	9/5/2014	9/10/2014	<input checked="" type="checkbox"/>

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Event Logs

Facility ID: F025927

Facility Name: AQD Test Facility

District: District 2

Version Start Date: 9/10/2014

Facility Type: Compressor Station

Company Name: WDEQ/WQD

County: Converse

Version End Date: Current

Date	Staff	Event Type	Note
09/04/2014 11:34:43	Portal User	Permit Application Received Event	Permit application number A0000508 has been received.
08/21/2014 22:13:54	Portal User	Permit Application Received Event	Permit application number A0000489 has been received.
03/06/2014 13:54:19	Hall, Brian	Facility Inventory Change Event	Facility Name changed from [Dummy Station] to [AQD Test Facility]
03/06/2014 13:25:29	Mangin, Zachary	Facility Inventory Change Event	Billing contact changed to: [Staff, AQD] as of: [03/06/2014 12:00:00]

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Compliance Reports

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 9/10/2014
Version End Date: Current

Report ID	District	Report Type	Description	Category	Received Date	Accepted	Report Status
CRPT000057	District 2	One Time Reports	Engine Start-Up	Start-up of EU	9/10/2014	Not Yet Reviewed	Submitted

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The third level menu helps you
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Stack Tests

Facility ID: F025927 Facility Name: AQD Test Facility Operating Status: Operating Version End Date: Current
Facility Type: Compressor Station Company Name: WDEQ/WQD Version Start Date: 9/10/2014

Stack Test ID	EUs	Stack Test Method	Failed Pollutants	Test Date(s)	Reviewer	Date Reviewed	Test State	Conformed to Test Method
STCK018637	ENG001	Method 7E - NOx - Instrumental		8/18/2014			Submitted	Yes

[New Stack Test](#)

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Facility Profiles

Facility Profile Overview

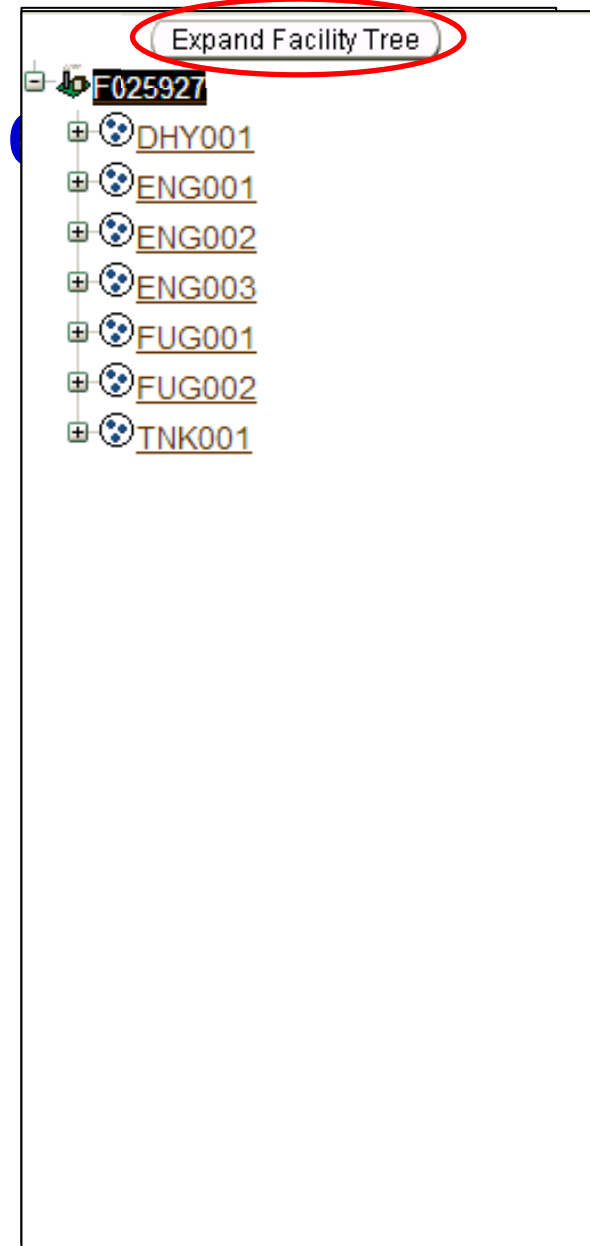
TOPICS TO COVER:

- Facility Tree and Components
- Adding/Editing Contacts
- Updating Facility Inventory
- Verification

[Facility Tree - YouTube Video](#)

Facility Tree

- > Emission Units listed under facility ID
- > Expand Facility Tree to see other components of the facility tree (i.e. process, control equipment, and release points)
- > Click on the emission unit, process, control device, or release point to see information specific to that piece of equipment
- > The Facility Tree should mimic the airflow as it is conveyed from the emissions unit/process to the control device(s) (if any) and out the release point(s).



Facility Tree: Emission Unit



Emission Unit

- ❖ Definition:
Equipment related to industrial processes that emit air pollutants at a facility
- ❖ Examples: boiler, engine, generator, paint spray booth

Emissions Unit Information

AQD ID: DHY001

Emission Unit Type: Dehydration Unit

[Help me select the Emission Unit Type](#)

AQD Description: H1 - Glycol Heater T-214

Company Equipment ID: DHY1

Company Equipment Description: Dehy

Operating Status: Operating

Initial Construction Commencement Date: 3/6/2012

Initial Operation Commencement Date: 3/6/2012

Most Recent Construction/Modification Commencement Date: 3/6/2012

Most Recent Operation Commencement Date: 3/6/2012

▼ Emission Unit Type Specific Information

Dehydration Type: DEG

Design Capacity 30.00
(MMscf/day):

▼ Permitted Emissions

This table is populated by AQD staff based on established/permitted emission limits. It is shown here for informational purposes only.

Pollutant	Potential Emissions	Allowable Emissions	Comments
	Rate Units	Rate Units	
<div>Printable view</div> <div>Export to excel</div>			

[Edit](#) [Create Cloned Emissions Unit](#)

[Create Emissions Process](#)

Facility Tree: Process Unit

- Process Unit
 - Definition: An industrial activity that categorizes or describes an emission unit, and related characteristics, such as the fuel used;

Process Information

Process ID: PRC006

Process Name:

Company Process Description: H1 - Glycol Heater T-214

Source Classification Code (SCC): 31000302

SCC Level 1 Description: 3:Industrial Processes

SCC Level 2 Description: 10:Oil and Gas Production

SCC Level 3 Description: 003:Natural Gas Processing Facilities

SCC Level 4 Description: 02:Glycol Dehydrators: Reboiler Burner Stack: Triethylene Glycol

[SCC reference information](#)

❖ associated with SCC
❖ Example: 10100222

- ◆ Level 1 - 1: External Combustion Boiler
- ◆ Level 2 - 01: Electric Generation
- ◆ Level 3 - 002: Subbituminous Coal
- ◆ Level 4 - 22: Pulverized Coal: Dry Bottom

Facility Tree: Control Device



Control Device

- ❖ Definition: A device that reduces, prevents, captures or destroys air pollutants before they are released into the atmosphere
- ❖ Examples: Adsorber, baghouse, cyclone, scrubber

Control Equipment Information
AQD ID: LNB001
Control Equipment Type: Low NOx Burner
AQD Description: LNB
Company Control Equipment ID: LNB1
Company Control Equipment Description: LNB
Operating Status: Operating
Initial Installation Date: 3/6/2014
Manufacturer Name: Model Name and Number:

Control Equipment Type Specific Information
Inlet Gas Temp (F): 120
Burner Type: Low Nox Burner
Outlet Gas Temp (F): 150

Pollutants Controlled
Explanation
*You must specify at least one pollutant in the Pollutants Controlled table

Pollutant	Design Control Efficiency(%)	Operating Control Efficiency(%)	Capture Efficiency(%)	Total Capture Control(%)
NOx - Nitrogen Oxides	98	100	98	98

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Edit Delete Create Cloned Control Equipment
Create And Associate Subsequent Control Equipment Create And Associate Release Point
Associate Existing Subsequent Control Equipment Associate Existing Release Point
Disassociate Subsequent Control Equipment Disassociate Release Point

Facility Tree: Release Point



Release Point

- Definition: The point at which a contained pollutant is emitted to the atmosphere
- Examples: Vertical stack, horizontal stack, area/volume/line release points

Release Point Information
AQD ID: VER004
Release Point Type: Vertical
AQD Description: Glycol Heater T-214
Company Release Point ID: VER4
Company Release Point Description: Glycol Heater
Operating status: Operating
Release Point Latitude: 43.29083
Release Point Longitude: -105.09956
Facility Latitude: 43.29083
Facility Longitude: -105.09956
[Show On Map](#)

Release Point Type Specific Information
Base Elevation (ft): 5600.00
Feet above sea level
Stack Height (ft): 15.00
Feet above base elevation
Stack Diameter (ft): .30
Exit Gas Velocity (ft/s): 17.61
Exit Gas Temp (F): 700.00
Exit Gas Flow Rate (acfm): 15.00

CEM Data

Description	Pollutant Monitored												
	H2S	SO2	NOX	CO	THC	HCL	HFL	O	TRS	CO2	FLOW	OPACITY	PM

[Printable view](#) [Export to excel](#)

[Edit](#) [Delete](#) [Create Cloned Release Point](#)

Facility Management

- To make edits to, add contact(s) or make changes to the facility inventory, navigate to the Tasks (IMPACT Home) tab and select the appropriate button under Facility Management

IMPACT Home

Facility Information

Facility ID: F025927	Facility Name: AQD Test Facility	District: District 2
Facility Type: Compressor Station	Company Name: WDEQ/WQD	County: Converse
Physical Address: On Cow Creek Road 2 miles east of Dull Center Road	City: Converse County	
Lat/Long: 43.29083/-105.09956	PLSS: QSESE-S2-T38N-R69W	

In Progress Tasks

Select Task Type	Task Description	Dependent on Task	Created Date	User Name
<input type="radio"/> Facility Contact Change	Facility Contact Change	N/A	8/18/2014	aqdstaff
<input type="radio"/> Facility Detail Change	Facility Inventory Change	Facility Contact Change	8/18/2014	aqdstaff

[Delete selected task\(s\)](#) [Printable view](#) [Export to excel](#)

New Tasks

Select from the lists below to create a new task

Facility Management

[Make a Facility Inventory Change](#)

[Make a change to the Facility Contact\(s\)](#)

Permitting

[Create an NSR Permit Application](#)

[Create a Title V Permit Application](#)

Emissions Reporting

[Create an Emissions Inventory](#)

Compliance Reporting

[Create a Stack Test Report](#)

[Create a CEMS/COMS/RATA Compliance Report](#)

[Create a One Time Compliance Report](#)

[Create an Other Compliance Report](#)

[Contact Management YouTube Clip](#)

Facility Management: Facility Contact Change

Welcome aqdstaff

IMPACT Home

Task - Facility Contact Change

Task - Facility Inventory Change

Task - NSR Application (A0000489)

Task - NSR Application (A0000493)

Contacts

Task - Facility Contact Change >

Contacts

Facility ID: F025927

Facility Name: AQD Test Facility

District: District 2

Version Start Date: 8/20/2014

Facility Type: Compressor Station

Company Name: WDEQ/WQD

County: Converse

Version End Date: Current

▼ Contact Types

Contact Type	Contact ID	Contact Name	Phone Number	Email	Start Date	End Date ▲
Environmental contact	CNT031330	Allen, Richard			7/7/2014	
Permitting contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Billing contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Compliance contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Responsible Official	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Responsible Official	CNT029773	Uzzell, James			8/7/2014	

Printable view

Export to excel

Assign Contact Type

▼ Contacts

Contact ID	Last Name	First Name	Preferred Name	Phone	Email	Company ID	Company Name
CNT031330	Allen	Richard				CMP000795	WDEQ/WQD
CNT029773	Allen	Regina		(307)777-5974		CMP000795	WDEQ/WQD
CNT029773	Uzzell	James				CMP000795	WDEQ/WQD
CNT031525	Warner	Steve		(970)292-1883		CMP000795	WDEQ/WQD

Printable view

Export to excel

Create Contact Person

Submit

This button allows you to designate facility contacts

Click here to create a new contact

Once you've made your changes, click here to submit the changes

Create a Contact

> Required fields are indicated by asterisks

Printable view Export to excel

Create Contact Person

Submit

Create Contact

Title:	<input type="text"/>	Suffix:	<input type="text"/>
* First Name:	<input type="text" value="Test"/>	* Email:	<input type="text" value="testcontact@test.com"/>
Preferred Name:	<input type="text"/>	Job Title:	<input type="text"/>
Middle Name:	<input type="text"/>	Company Name:	WDEQ/WQD
* Last Name:	<input type="text" value="Contact"/>		
* Address 1:	<input type="text" value="100 IMPACT Way"/>		
Address 2:	<input type="text"/>		
* City:	<input type="text" value="Cheyenne"/>	* Zip Code:	<input type="text" value="11111"/>
* State:	<input type="text" value="Wyoming"/>		
* Primary Phone No.:	<input type="text" value="(123)456-7890"/>	Primary Ext. No.:	<input type="text"/>
Secondary Phone No.:	<input type="text"/>	Secondary Ext. No.:	<input type="text"/>
Mobile Phone No.:	<input type="text"/>		
Fax No.:	<input type="text"/>		
<input type="button" value="Submit Create Contact"/> <input type="button" value="Reset"/> <input type="button" value="Cancel"/>			

Click "Submit
Create Contact"

Edit a Contact

Click on the
Contact ID for
the contact you
wish to edit

Contact Information

ID: CNT031330

Title:

First Name: Richard

Preferred Name:

Middle Name:

Last Name: Allen

Address 1: 920 Sheridan St.

Address 2:

City Laramie

State: Wyoming

Primary Phone No.:

Secondary Phone No.:

Mobile Phone No.:

Fax No.:

Suffix:

Email:

Job Title:

Company Name: WDEQ/WQD

Contact Information

ID: CNT031330

Title:

Suffix:

* First Name: Richard

* Email:

Preferred Name:

Job Title:

Middle Name:

Company Name: WDEQ/WQD

* Last Name: Allen

* Address 1: 920 Sheridan St.

Address 2:

* City Laramie

* Zip Code: 82070

* State: Wyoming

* Primary Phone No.:

Primary Ext. No.:

Secondary Phone No.:

Secondary Ext. No.:

Mobile Phone No.:

Fax No.:

Delete

Edit

Return

Click "Edit"

Save changes
when finished
editing

Save

Cancel

Contacts

Contact ID	Last Name	First Name	Preferred Name	Phone	Email
CNT031330	Allen	Richard			
CNT029955	Allen	Regina		(307)777-5974	

Assign a Contact Type

- Assigning a contact type associates a contact with the current facility

▼ Contact Types

Contact Type	Contact ID	Contact Name	Phone Number	Email	Start Date	End Date
Environmental contact	CNT031330	Allen, Richard			7/7/2014	
TV Permitting contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Billing contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Compliance contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Responsible Official	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Responsible Official	CNT029773	Uzzell, James			8/7/2014	

Printable view

Export to excel

Assign Contact Type

Click "Assign Contact Type"

Assign contact type

Choose contact type and an existing Contact

Type:

* Contact:

* Start Date:

Note: you may assign multiple contact types, click on the corresponding row in the table on the previous screen.

Type:

Contact:

Start Date:

Note: you may assign multiple contact types, click on the corresponding row in the table on the previous screen.

Note: you may assign multiple contact types, click on the corresponding row in the table on the previous screen.

Assign contact type

Select a Start Date, then click "Save"

Type:

* Contact:

* Start Date:

If you do not see the person (contact) you wish to assign in the global contact list, return to the previous screen and click on 'Create Contact Person' to add a new global contact.

Save Cancel

Note: you may assign multiple contact persons for all contact types. If a contact ceases to be a contact type, click on the corresponding row in the table on the previous screen and assign an end date.

Facility Contact Demo

Facility Management: Facility Inventory Change

- From the “Task – Facility Inventory Change” main page (i.e. when the facility is selected in the Facility Tree):

- ❖ Edit name, description, operating status
- ❖ Create Emissions Unit
- ❖ Create Control Equipment
- ❖ Create Release Point
- ❖ Validate changes
- ❖ Submit changes (available only after validation)

Version 5.0 | Build ID: 9.0.0
Welcome aqdstaff

[Return to Company Selector](#) [Return to Facility Selector](#) [Return to ENVITE home page](#)

[IMPACT Home](#) [Task - Facility Contact Change](#) [Task - Facility Inventory Change](#)

Facility Detail

- Rules & Regs
- Emission Units
- Control Equipment
- Release Points

[Task - Facility Inventory Change](#) >

Facility Detail

Facility ID: F025927 Facility Name: AQD Test Facility District: District 2 Version Start Date: 7/14/2014
Facility Type: Compressor Station Company Name: WDEQ/WQD County: Converse Version End Date: Current

[Collapse Facility Tree](#)

Facility Information

Facility ID: F025927
Facility Name: AQD Test Facility
Facility Description:
Operating Status: Operating AFS: 5600900022
Facility Class: Title V Facility Type: Compressor Station

Location

ID	Physical Address	City	County	Lat/Long	PLSS	Effective Date
33572	On Cow Creek Road 2 miles east of Dull Center Road	Converse County	Converse	43.29083/-105.09956	QSESE-S2-T38N-R69W	5/8/2012

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NAICS

NAICS
213112 Support Activities for Oil and Gas Operations
[Add NAICS](#) [Printable view](#) [Export to excel](#)
[NAICS reference information](#)

[\(Edit \)](#) [Validate](#) [Submit](#) [Download/Print Detail](#) [Print Facility Tree](#)
[Create Emissions Unit](#) [Create Control Equipment](#) [Create Release Point](#)

[IMPACT Home](#) | [Task - Facility Contact Change](#) | [Task - Facility Inventory Change](#) | [Return to Company Selector](#) | [Return to Facility Selector](#) | [Return to ENVITE home page](#)

Edit a Facility, Emission Unit, Process, Control Point, or Release Point

Facility Detail

Facility ID: F025927

Facility Name: AQD Test Facility

District: District 2

Version Start Date: 8/19/2014

Facility Type: Compressor Station

Company Name: WDEQ/WQD

County: Converse

Version End Date: Current

Expand Facility Tree

F025927

AMN001

PRC009

FLA001

VER009

AMN002

DHY001

ENG001

ENG002

ENG003

ENG004

FUG001

FUG002

TNK001

Disassociated CEs

OXI002

OXI003

OXI001

Process Information

Process ID: PRC009

Process Name:

Company Process Description:

Source Classification Code (SCC): 31000305

SCC Level 1 Description: 3:Industrial Processes

SCC Level 2 Description: 10:Oil and Gas Production

SCC Level 3 Description: 003:Natural Gas Processing Facilities

SCC Level 4 Description: 05:Gas Sweetening: Amine Process

SCC reference information

Edit

Delete

Create and Associate Control Equipment

Create and Associate Release Point

Associate Existing Control Equipment

Associate Existing Release Point

Disassociate Control Equipment

Disassociate Release Point

Click "Edit" after selecting unit in Facility Tree

Process Information

Process ID: PRC009

Process Name:

Company Process Description:

* Source Classification Code (SCC): 3-10-003-05

Enter as 1-22-333-44 or 12233344

Select SCC through cascading levels

search SCCs by keyword

Save

Cancel

Save when finished editing

Creating an Emissions Unit, Process, Control Device, & Release Point

- > Creating an Emissions Unit and Process -
YouTube Video

Create Emission Unit

Only available
when facility is
selected in
Facility Tree

[Task - Facility Inventory Change](#) >

Facility Detail

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 8/19/2014
Version End Date: Current

[Expand Facility Tree](#)

- ☒ F025927
 - ☐ AMN001
 - ☐ AMN002
 - ☐ DH001
 - ☐ ENG001
 - ☐ ENG002
 - ☐ ENG003
 - ☐ ENG004
 - ☐ FUG001
 - ☐ FUG002
 - ☐ TNK001
- ☐ ⚠ Disassociated CEs
 - ☐ OXI002
 - ☐ OXI003
 - ☐ OXI001
- ☐ ⚠ Disassociated R. Points
 - ☐ VER005
 - ☐ VER007
 - ☐ VER006

Facility Information

Facility ID: F025927
Facility Name: AQD Test Facility
Facility Description:
Operating Status: Operating
Facility Class: Title V

AFS: 5600900022
Facility Type: Compressor Station

Location

ID	Physical Address	City	County	Lat/Long	PLSS	Effective Date
33605	On Cow Creek Road 2 miles east of Dull Center Road	Converse County	Converse	43.29083/-105.09956	QSESE-S2-T38N-R69W	5/8/2012

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NAICS

NAICS
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[Add NAICS](#) [Printable view](#) [Export to excel](#)

[NAICS reference information](#)

[Edit](#) [Validate](#) [Submit](#) [Download/Print Detail](#) [Print Facility Tree](#)
[Create Emissions Unit](#) [Create Control Equipment](#) [Create Release Point](#)

Create Emission Unit

Emissions Unit Information

AQD ID:

* Emission Unit Type:

AQD

* Company Equipment ID

* Company Equipment Description

Initial Construction Commencement Date

Initial Operation Commencement Date

Most Recent Construction/Modification Commencement Date:

- Acid Plant/Prill Tower
- Amine Unit
- Blow-down/Venting/Well Completion
- Boiler
- Calcliner/Kiln/Dryer/Smelter/Foundry Furnace
- Concrete Batch/Cement Mixer
- Cooling Tower
- Cracking/Coking Unit
- Crushing/Screening/Handling
- Dehydration Unit
- Electric Generating Unit
- Engine
- Flare
- Fugitive
- Heater/Chiller
- Hot Mix Asphalt Mixer
- Incinerator
- Loading/Unloading/Dump
- Pneumatic Equipment

- Select Emission Unit Type and enter Company Equipment ID, Company Equipment Description, and Operating Status (required fields)

Emissions Unit Information

AQD ID:

* Emission Unit Type: Cooling Tower

[Help me select the Emission Unit Type](#)

AQD Description:

* Company Equipment ID:

* Company Equipment Description:

* Operating Status: Not Yet Installed

Initial Construction Commencement Date:

Initial Operation Commencement Date:

Most Recent Construction/Modification Commencement Date:

Most Recent Operation Commencement Date:

Depending on Operating Status (Not Yet Installed, Invalid, Operating, or Shutdown), Initial Construction/Operation Commencement Dates, or Shutdown Date may be required

Create Emission Unit

- Complete Emission Unit Type Specific Information (information requested will vary based on chosen Emission Unit Type)

▼ Emission Unit Type Specific Information

★ Drift Rate (%):

★ Total Dissolved Solids (ppm):

— Examples:

- Cooling Tower: Drift Rate (%), Total Dissolved Solids (ppm)
 - Dehydration Unit: Dehydration Type (DEG, Desiccant, EG, TEG, Other), Design Capacity (MMSCF/day)
 - Boiler: Heat Input Rating (MMBTU/hr), Primary and Secondary Fuel Types, Model Name and Number, Serial Number(s)
- Permitted Emissions will be populated by AQD staff

▼ Permitted Emissions

This table is populated by AQD staff based on established/permitted emission limits. It is shown here for informational purposes only.

Pollutant	Allowable Emissions		Comments	Comments
	Rate	Units		
<div>Printable viewExport to excel</div>				

Save

Cancel

Click "Save" when finished

Create Emission Process

Only available
when emissions
unit is selected
in Facility Tree

Facility Detail

Facility ID: F025927
Facility Type: Compressor Station

Facility Name: AQD Test Facility
Company Name: WDEQ/WQD

District: District 2
County: Converse

Version Start Date: 8/19/2014
Version End Date: Current

Expand Facility Tree

F025927

AMN001

PRC009

FLA001

VER009

Disassociated CEs

OXI002

OXI003

OX001

Disassociated R. Points

VER005

VER007

VER006

Emissions Unit Information

AQD ID: AMN001

Emission Unit Type: Amine Unit [Help me select the Emission Unit Type](#)

AQD Description:

Company Equipment ID: AMINE1

Company Equipment Description: Amine Unit

Operating Status: Not Yet Installed

Initial Construction Commencement Date:

Initial Operation Commencement Date:

Most Recent Construction/Modification Commencement Date:

Most Recent Operation Commencement Date:

Emission Unit Type Specific Information

Design Capacity 2
(MMscf/hr):

Permitted Emissions

This table is populated by AQD staff based on established/permitted emission limits. It is shown here for informational purposes only.

Pollutant	Potential Emissions	Allowable Emissions	Comments
	Rate Units	Rate Units	

Printable view Export to excel

Edit

Create Cloned Emissions Unit

Create Emissions Process

Create Emission Process

- Choose “Create Emission Process”
- Complete Process Information

Edit Create Cloned Emissions Unit
Create Emissions Process

Process Information

Process ID:
Process Name:
Company Process Description:
* Source Classification Code (SCC):
Enter as 1-22-333-44 or 12233344

Select SCC through cascading levels

search SCCs by keyword

Save Cancel

Select SCC through cascading levels

Process Information

Process ID:
Process Name:
Company Process Description:
Source Classification Code (SCC):
* SCC Level 1 Description:
* SCC Level 2 Description:
* SCC Level 3 Description:
* SCC Level 4 Description:
1: External Combustion
1: External Combustion Boilers
2: Internal Combustion Engines
3: Industrial Processes
4: Petroleum and Solvent Evaporation
5: Waste Disposal
6: MACT Source Categories

OR

Search SCCs by keyword

Process Information

Process ID:
Process Name:
Company Process Description:
Source Classification Code (SCC):
SCC Search Key Word:
Search

Save Cancel

Click “Save” when finished

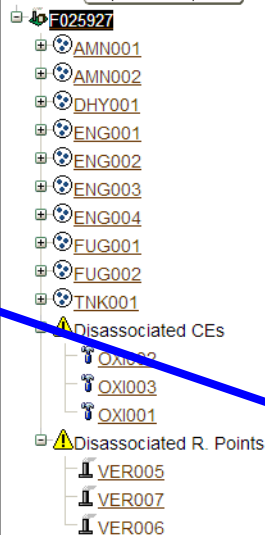
Creating an Emissions Unit, Process, Control Device, & Release Point

- > Creating Control Equipment and Release Points
- YouTube Video

Create Control Equipment

- > Available when Facility or Emissions Process is selected in Facility Tree

Expand Facility Tree



Facility Information

Facility ID: F025927
Facility Name: AQD Test Facility
Facility Description:
Operating Status: Operating
Facility Class: Title V
AFS: 5600900022
Facility Type: Compressor Station

Location

ID	Physical Address	City	County	Lat/Long	PLSS	Effective Date
33605	On Cow Creek Road 2 miles east of Dull Center Road	Converse County	Converse	43.29083/-105.09956	QSESE-S2-T38N-R69W	5/8/2012

Printable view Export to excel

NAICS

NAICS
213112 Support Activities for Oil and Gas Operations

Add NAICS Printable view Export to excel

NAICS reference information

Edit Validate Submit Download/Print Detail Print Facility Tree

Create Emissions Unit Create Control Equipment Create Release Point

Process Information

Process ID: PRC009

Process Name:

Company Process Description:

Source Classification Code (SCC): 31000305

SCC Level 1 Description: 3:Industrial Processes

SCC Level 2 Description: 10:Oil and Gas Production

SCC Level 3 Description: 003:Natural Gas Processing Facilities

SCC Level 4 Description: 05:Gas Sweetening: Amine Process

SCC reference information

Edit Delete

Create and Associate Control Equipment

Create and Associate Release Point

Associate Existing Control Equipment

Associate Existing Release Point

(Disassociate Control Equipment)

(Disassociate Release Point)

Expand Facility Tree



Create Control Equipment

- Select Control Equipment Type and enter Equipment ID, Equipment Description, and Operating Status (required fields), as well as the installation date and manufacturer information (if known)

Control Equipment Information

AQD ID:

* Control Equipment Type:

AQD Description:

* Company Control Equipment ID:

* Company Control Equipment Description:

* Operating Status:

Initial Installation Date:

Manufacturer Name:

Control Equipment Type Specific Information

Adsorber
Catalytic Incinerator
Catalytic NOx Control Technology
Condenser
Cyclone/Multiclone
Dry Scrubber
Electrostatic Precipitator
Filter/Baghouse
Flare
Floating Roof
Flue Gas Recirculation
Fugitive Dust Suppression
Low NOx Burner
Other
Over Fire Air
Oxidation Catalyst
Passive Filter
Settling Chamber
Thermal Oxidizer/Thermal Incinerator

Control Equipment Information

AQD ID:

* Control Equipment Type:

AQD Description:

* Company Control Equipment ID:

* Company Control Equipment Description:

* Operating Status:

Initial Installation Date:

Manufacturer Name:

Model Name and Number:

Create Control Equipment

- Complete Control Equipment Type Specific Information (specific to equipment type chosen)
 - Baghouse Example:

▼ Control Equipment Type Specific Information

★ Filter/Baghouse Type :

Pressure Type : ☐ positive ☐ negative

Fabric Cleaning Mechanism :

★ Operating Pressure Drop Range (inches of water) :

Lime Injection/fabric Coating Agent : ☐ Yes ☐ No

Lime Injection/Fabric Coating Agent Type :

Lime Injection/Fabric Coating Feed Rate - specify units :

Bag Leak Detection System : ☐ Yes ☐ No

Inlet Gas Temp (F) :

Number of Bags :

Outlet Gas Temp (F) :

Inlet Gas Flow Rate (dscfm) :

Outlet Gas Flow Rate (dscfm) :

Create Control Equipment

- Add Pollutants Controlled to table
 - At least one pollutant must be added
 - All fields are required

Dropdown
menu includes
both criteria
and non-criteria
pollutants

CO - Carbon Monoxide
NOx - Nitrogen Oxides
Pb - Lead
PM (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)
PM (Filt) - Primary PM, Filterable Portion Only
PM10 (FIL) - Filterable Portion Only
PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)
PM2.5 (FIL) - Filterable Portion Only
PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)
SO2 - Sulfur Dioxide
VOC - Volatile Organic Compounds
(Octafluorotetramethyl-ene)hydroxymethyl group
2,2,3,3,3-pentafluoropropanol
2,4,4-Trichlorobiphenyl (PCB-28)
2-Chlorobiphenyl (PCB-1)
4,4-Dichlorobiphenyl (PCB-15)
Acenaphthene
Acenaphthylene
Acetaldehyde

Pollutants Controlled

Explanation

*You must specify at least one pollutant in the Pollutants Controlled table

[Select All](#) | [Select None](#)

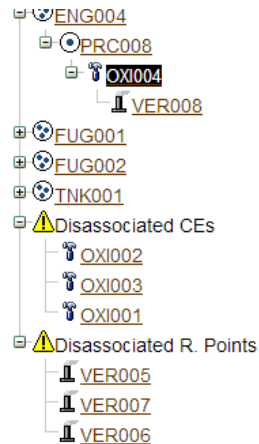
Select	Pollutant	Design Control Efficiency(%)	Operating Control Efficiency(%)	Capture Efficiency(%)	Total Capture Control(%)
<input type="checkbox"/>					

[Add Pollutant](#) [Delete Selected Pollutants](#) [Printable view](#) [Export to excel](#)

Click "Save" when finished [Save](#) [Cancel](#)

Create Control Equipment

- Subsequent control equipment may be added by selecting the control equipment in the Facility Tree



Company Control Equipment ID: OXI1
Company Control Equipment Description: Oxidation Catalyst with AFRC

Operating Status: Operating
Initial Installation Date:

Manufacturer Name: Model Name and Number:

Control Equipment Type Specific Information
Catalyst Type : Oxidation Catalyst
Air Fuel Ratio Controller : Yes

Pollutants Controlled
Explanation

*You must specify at least one pollutant in the Pollutants Controlled table

Pollutant	Design Control Efficiency(%)	Operating Control Efficiency(%)	Capture Efficiency(%)	Total Capture Control(%)
NOx - Nitrogen Oxides	90	90	100	90

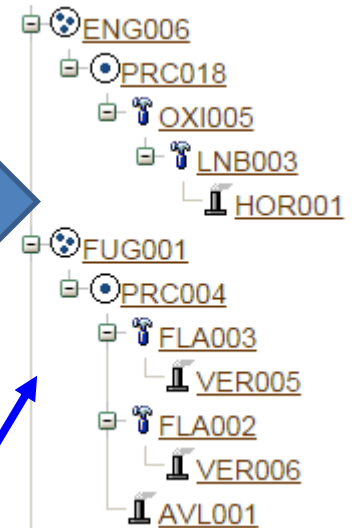
Printable view Export to excel

Edit Delete Create Cloned Control Equipment

Create And Associate Subsequent Control Equipment Create And Associate Release Point

Associate Existing Subsequent Control Equipment Associate Existing Release Point

Disassociate Subsequent Control Equipment Disassociate Release Point



IMPACT allows control devices to be added in series or parallel

Create Release Point

VER008

FUG001

FUG002

TNK001

Disassociated CEs

OXI002

OXI003

OXI001

Disassociated R. Points

VER005

VER007

VER006

Operating Status: Operating

Initial Installation Date:

Manufacturer Name:

Model Name and Number:

Control Equipment Type Specific Information

Catalyst Type : Oxidation Catalyst

Air Fuel Ratio Controller : Yes

Pollutants Controlled

Explanation

*You must specify at least one pollutant in the Pollutants Controlled table

Pollutant	Design Control Efficiency(%)	Operating Control Efficiency(%)	Capture Efficiency(%)
NOx - Nitrogen Oxides	90	90	100

Printable viewExport to excel

EditDeleteCreate Cloned Control Equipment

Create And Associate Subsequent Control EquipmentCreate And Associate Release Point

Associate Existing Subsequent Control EquipmentAssociate Existing Release Point

Disassociate Subsequent Control EquipmentDisassociate Release Point

Expand Facility Tree

F025927

AMN001

AMN002

DHY001

ENG001

ENG002

ENG003

ENG004

FUG001

FUG002

TNK001

Disassociated CEs

OXI002

OXI003

OXI001

Disassociated R. Points

VER005

VER007

VER006

Facility Information

Facility ID: F025927

Facility Name: AQD Test Facility

Facility Description:

Operating Status: Operating

Facility Class: Title V

AFS: 560090

Facility Type: Compres

Location

ID	Physical Address	City	County	Lat/Long	PL
33605	On Cow Creek Road 2 miles east of Dull Center Road	Converse County	Converse County	43.29083/-105.09956	QST38

Printable viewExport to excel

NAICS

NAICS

213112 Support Activities for Oil and Gas Operations

Add NAICSPrintable viewExport to excel

NAICS reference information

EditValidateSubmitDownload/Print DetailPrint Facility Tree

Create Emissions UnitCreate Control EquipmentCreate Release Point

Available when
facility, emissions
process, or control
equipment is
selected in Facility
Tree

AMN001

PRC009

FLA001

VER009

AMN002

DHY001

ENG001

ENG002

ENG003

ENG004

FUG001

FUG002

TNK001

Disassociated CEs

OXI002

OXI003

OXI001

Process ID: PRC009

Process Name:

Company Process Description:

Source Classification Code (SCC): 31000305

SCC Level 1 Description: 3:Industrial Processes

SCC Level 2 Description: 10:Oil and Gas Production

SCC Level 3 Description: 003:Natural Gas Processing Facilities

SCC Level 4 Description: 05:Gas Sweetening: Amine Process

SCC reference information

Edit

Delete

Create and Associate Control Equipment

Create and Associate Release Point

Associate Existing Control Equipment

Associate Existing Release Point

Disassociate Control Equipment

Disassociate Release Point

Create Release Point

- Choose Release Point Type and complete all other fields under Release Point Information

Release Point Information

AQD ID:

* Release Point Type:

AQD Description:

* Company Release Point ID:

* Company Release Point
Description:

* Operating status:

* Release Point Latitude:

* Release Point Longitude:

Facility Latitude: 43.29083

Facility Longitude: -105.09956

May copy
facility
coordinates if
coordinates of
specific release
point are
unknown

Create Release Point

- Release Point Type Specific Information varies with Release Point Type:

- Fugitive (Area, Volume, Line)

▼ Release Point Type Specific Information

Release Height (ft):

- Horizontal/Vertical

▼ Release Point Type Specific Information

* Base Elevation (ft):

Feet above sea level

* Stack Height (ft):

Feet above base
elevation

* Stack Diameter (ft):

* Exit Gas Velocity (ft/s):

* Exit Gas Temp (F):

* Exit Gas Flow Rate (acfm):

Create Release Point

- Complete the CEM data table if the release point is equipped with a monitoring system

CEM Data

Select	Description	Pollutant Monitored												
		H2S	SO2	NOX	CO	THC	HCL	HFL	O	TRS	CO2	FLOW	OPACITY	PM
		<input type="button" value="Add CEM"/> <input type="button" value="Delete Selected CEMs"/> <input type="button" value="Printable view"/> <input type="button" value="Export to excel"/>												

Click "Save" when finished

Associating Existing Equipment

- Multiple processes, control devices, and release points may be associated with the same emission unit
 - Examples:
 - An engine exhausting through two stacks
 - A dual-fired boiler
 - When equipment is routed to multiple control equipment or stacks, option to specify split becomes available



Branching Flow Percentages to Connected Control Equipment or Stacks

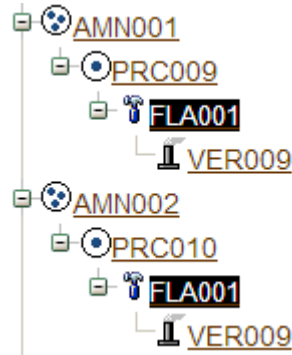
Type	Id	Flow Percentage
Stack	VER008	50
Stack	VER010	50

Printable view Export to excel

The information above is automatically generated when the emissions branch into multiple control devices and/or stacks. We automatically assume an even split, for example, 50% goes to A and 50% goes to B. If you know the branching air flow is not even, you may enter in this table the correct percentages. Once you have entered percents for all rows, if they do not total 100%, they will be proportionally changed to equal 100%. This information is used if you choose a factor method to calculate emissions when doing an annual fee emissions inventory. We also use it when auto-calculating hazardous air pollutants within the fee emissions inventory. You are not required to update this Branching Flow Percentages table.

Associating Existing Equipment

- Similarly, control devices and release points may be associated with multiple units
 - For example, two amine units may be controlled by the same flare and thus exhaust through the same stack



Note: To add or associate equipment, controls, or release points you must always be on the immediate level above the item being added. “Parent/Child relationship”.

*** Creating Source Exercise***

Facility Management: Facility Inventory Change

- > Associating Existing Control Equipment and Release Points
 - When control equipment or release points created and not associated with either an emission unit, process, control device, or release point, they will appear as “Disassociated”

- ❖ To associate them with a process or control equipment, select the process and choose “Associate Existing Control Equipment” or “Associate Existing Release Point”
- ❖ Select the disassociated unit from the dropdown menu, and click save
- ❖ If control equipment is present, the Release Point should be associated with the control equipment

The screenshot displays the 'Disassociated CEs' section of the Facility Management interface. It lists two items: 'PAF001' (a process) and 'AVL004' (a control equipment). Below this list is a menu with several options: 'Edit', 'Delete', 'Create Cloned Control Equipment', 'Create And Associate Subsequent Control Equipment', 'Create And Associate Release Point', 'Associate Existing Subsequent Control Equipment', 'Associate Existing Release Point', 'Disassociate Subsequent Control Equipment', and 'Disassociate Release Point'. A blue arrow points from the text 'Associate Existing Release Point' in the list to the 'Associate Existing Release Point' button in the menu. Below the menu is a section titled 'Select Control Equipment to Associate' which contains a dropdown menu labeled 'AQD Control Equipment ID:' and 'Save' and 'Cancel' buttons.

Cloning Equipment

- If a new piece of equipment (Emission Unit, Control Equipment, or Release Point) is similar to an existing one, it may be useful to clone the equipment
 - Select the unit you wish to clone in the facility tree
 - Select “Create Cloned Emission Unit”, “Create Cloned Control Device”, or “Create Cloned Release Point” (as appropriate) at the bottom of the page
 - Make any edits to the information for the unit
 - Cloned control devices and cloned release points will show up as a disassociated unit, so follow steps to associate it with the appropriate process/control device



Deleting and Disassociating Equipment

- Equipment/processes may be deleted only if there is no associated equipment. Emission units cannot be deleted once they are created
- For Example:

Facility ID: F025927 Facility Name: AQD Test Facility District: District 2 Version Start Date: 8/19/2014
Facility Type: Compressor Station Company Name: WDEQ/WQD County: Converse Version End Date: Current

Collapse Facility Tree

F025927

- DHY001
 - PRC006
 - VER004
- ENG001
 - PRC001
 - LNB001
 - VER001
- ENG002
 - PRC002
 - VER002
- ENG003
 - PRC003
 - VER003
- FUG001
 - PRC004
 - AVL001
- FUG002
 - PRC005
 - AVL002
- TNK001
 - PRC007
 - AVL003

Process Information

Process ID: PRC001
Process Name:
Company Process Description: E1 - White-Superior 8G-825 Compressor Engine Rich Burn
Source Classification Code (SCC): 20200253
SCC Level 1 Description: 2:Internal Combustion Engines
SCC Level 2 Description: 02:Industrial
SCC Level 3 Description: 002:Natural Gas
SCC Level 4 Description: 53:4-cycle Rich Burn

SCC reference information

Edit Delete

Create and Associate Control Equipment Create and Associate Release Point

Associate Existing Control Equipment Associate Existing Release Point

Disassociate Control Equipment Disassociate Release Point

Process cannot be deleted since there is an associated control device and release point

Control device can be disassociated, then deleted

Release point is directly associated with control device, and can only be disassociated when the control device is selected

Facility Verification

- Some data from legacy systems have been migrated into IMPACT
- It is recommended that users verify the facility inventory in IMPACT to ensure accuracy
- Some potential errors may be discovered by clicking “Validate” in the Facility Inventory Change task window



- Validation errors will appear in a pop-up window

Severity	EU ID	Message
INFO		Some control equipments are disassociated
INFO		Some release points are disassociated
Printable view		Export to excel
Close		

Click on link to
go to error
source

Common Facility Profile Issues

- Emission units without processes
- Processes w/out control equipment, and/or release points

Note that some of these “issues” will not necessarily result in “errors” when you validate the Facility Profile. In fact, some of these “issues” may only result in validation “errors” for specific submittals.

The Facility Tree should mimic the airflow as it is conveyed from the emission unit/process to the control device(s) (if any) and out the release point(s).

*** Review of Facility Info Demo***

Miscellaneous Features of IMPACT

Miscellaneous Features of IMPACT

- > Printable View
- > Export to excel
- > Latitude/Longitude link
- > Sort information in tables

Printable View

- > All tables in IMPACT have a “Printable view” option

AQD ID	AQD Description	Company Equipment ID	Company Equipment Description	Emissions Unit Type	Operating Status	Completion of Initial Installation Date
AMN001		AMINE1	Amine Unit	Amine Unit	Not Yet Installed	
AMN002		AMINE2	Amine Unit	Amine Unit	Not Yet Installed	
BOL001		BOIL001	Boiler	Boiler	Not Yet Installed	
DHY001	H1 - Glycol Heater T-214	DHY1	Dehy	Dehydration Unit	Operating	03/06/2012
ENG001	E1 - White-Superior 8G-825 Compressor Engine	E1	E1 - White-Superior 8G-825 Compressor Engine	Engine	Operating	03/06/2012
ENG002	E2 - Waukesha 135-62 Generator Engine	E2	E2	Engine	Operating	03/06/2012
ENG003	E3 - Ford Industrial F-300 Emergency Generator Engine	E3	E3 - Ford Industrial F-300 Emergency Generator Engine	Engine	Operating	03/06/2014
ENG004		E1	Waukesha Engine	Engine	Operating	01/01/2014
FUG001	FC1 - Fugitives from Pneumatic Controllers	Fug1	Fugitives from pneumatic controllers	Fugitive	Operating	03/06/2014
FUG002	FL1 - Fugitive Equipment Leaks	FL1	Fugitives from equipment leaks	Fugitive	Operating	03/06/2014
TNK001	T1	TNK1	Tank1	Storage Tank/Silo	Operating	03/06/2014

Printable view

Export to excel

Hide Invalid EUs

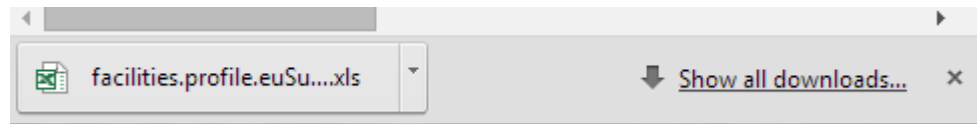
Printable view
opens in a new
browser tab

Exporting to Excel

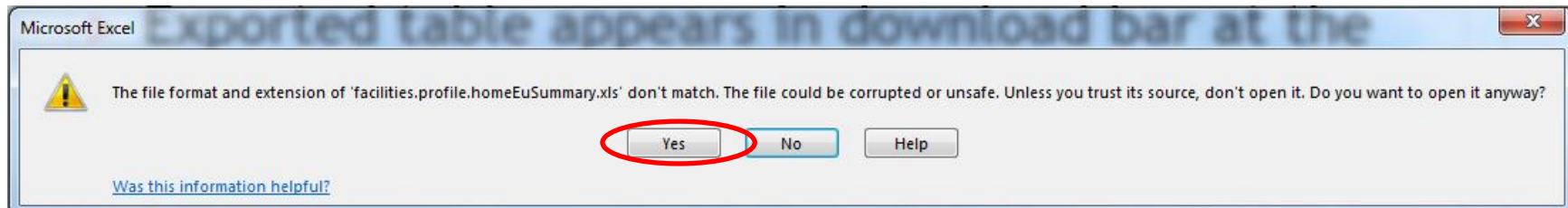
> Tables may also be exported to excel:



> Click on exported file in download bar at the bottom of the screen



> May get a warning message:



> Sample Export:

	A	B	C	D	E	F	G
	AQD ID	AQD Description	Company Equipment ID	Company Equipment Description	Emissions Unit Type	Operating Status	Completion of Initial Installation Date
1	AMN001		AMINE1	Amine Unit	Amine Unit	Not Yet Installed	
2	AMN002		AMINE2	Amine Unit	Amine Unit	Not Yet Installed	
3	BOL001		BOIL001	Boiler	Boiler	Not Yet Installed	
4	DHY001	H1 - Glycol Heater T-214	DHY1	Dehy	Dehydration Unit	Operating	3/6/2012
5	ENG001	E1 - White-Superior 8G-825 Compressor Engine	E1	E1 - White-Superior 8G-825 Compressor Engine	Engine	Operating	3/6/2012
6	ENG002	E2 - Waukesha 135-62 Generator Engine	E2	E2	Engine	Operating	3/6/2012
7	ENG003	E3 - Ford Industrial F-300 Emergency Generator Engine	E3	E3 - Ford Industrial F-300 Emergency Generator Engine	Engine	Operating	3/6/2014
8	ENG004		E1	Waukesha Engine	Engine	Operating	1/1/2014
9	FUG001	FC1 - Fugitives from Pneumatic Controllers	Fug1	Fugitives from pneumatic controllers	Fugitive	Operating	3/6/2014
10	FUG002	FL1 - Fugitive Equipment Leaks	FL1	Fugitives from equipment leaks	Fugitive	Operating	3/6/2014
11	TNK001	T1	TNK1	Tank1	Storage Tank/Silo	Operating	3/6/2014
12							

Facility Location Map

- > Clicking on the latitude/longitude hyperlink will open the facility location in Google Maps

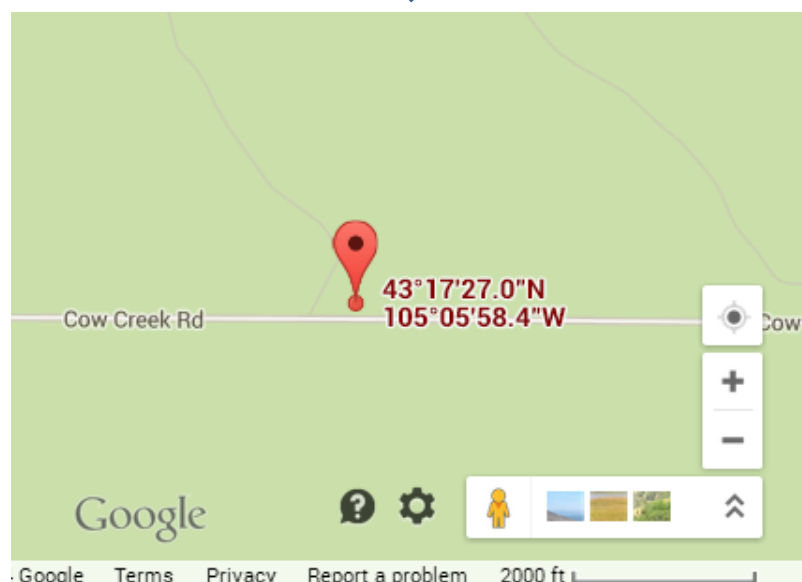
▼ Location

ID	Physical Address	City	County	Lat/Long	PLSS	Effective Date
33611	On Cow Creek Road 2 miles east of Dull Center Road	Converse County	Converse	43.29083/-105.09956	06SESE-S2-T38N-R69W	5/8/2012

[Printable view](#) [Export to excel](#)



Google Maps
opens in a new
browser tab



- > Clicking on the column header will sort data in tables



Contact Type	Contact ID	Contact Name 	Phone Number	Email	Start Date	End Date
Environmental contact	CNT031330	Allen, Richard			7/7/2014	
Billing contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Compliance contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
TV Permitting contact	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Responsible Official	CNT031722	Staff, AQD	(724)465-8904	Unknown@gmail.com	3/6/2014	
Responsible Official	CNT029773	Uzzell, James			8/7/2014	

[Printable view](#)
[Export to excel](#)

Emissions Reporting

EIs: Creating the Inventory

- On the IMPACT Home tab, click “Create an Emissions Inventory”

Facility Information

Facility ID:	F025972	Facility Name:	Test Facility	District:	District 2
Facility Type:	Compressor Station	Company Name:	WDEQ/WQD	County:	Converse
Physical Address:	On Cow Creek Road 2 miles east of Dull Center Road		City:	Converse County	
Lat/Long:	43.29083/-105.09956		PLSS:	S2-T38N-R69W	

In Progress Tasks

Select	Task Type	Task Description	Dependent on Task	Created Date	User Name
<div>Delete selected task(s)Printable viewExport to excel</div>					

New Tasks

Select from the lists below to create a new task

Facility Management

Make a Facility Inventory Change
Make a change to the Facility Contact(s)

Permitting

Create an NSR Permit Application
Create a Title V Permit Application

Emissions Reporting

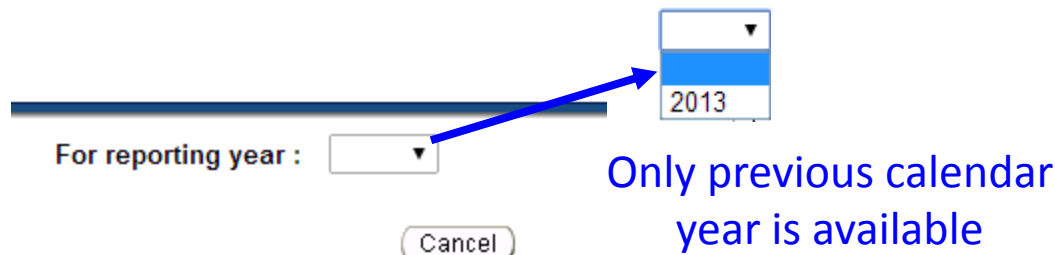
Create an Emissions Inventory

Compliance Reporting

Create a Stack Test Report
Create a Compliance Report

EIs: Creating the Inventory

- Ensure that all facility inventory information is current
- Select reporting year



- Click “Create”

For reporting year : 2013 ▼

You are creating the first TV emissions inventory for the year 2013. This emissions inventory will be associated with the current facility inventory.

Important: To create an accurate emissions inventory with minimal errors, you must first update and reconcile all information within your facility inventory. All emissions inventories directly refer to information in your facility inventory. If you have not yet updated your facility inventory and ensured that the information contained within it is correct, do not proceed with creating an emissions inventory. Instead, review and correct your facility inventory information first.

Create Cancel

EIs: Selecting Units

Emissions Inventory Summary

▼ Explanation

- Use the Exclude/Include Emissions Units button to indicate which emissions units:
 - Did not operate at all during the year
 - Emitted less than the reporting requirement
 - Do require detailed emissions inventory reporting
- For each Emissions Process that requires detailed emissions inventory reporting, navigate to that Process and provide the necessary information
- Attach any files needed to support the reported emissions

Click “Exclude/Include Emissions Units”

▼ Facility Emissions

Criteria Air Pollutants/Other		Emissions Reported			
Pollutant		Fugitive Amount	Stack Amount	Total	Units
<div>Printable view</div> <div>Export to excel</div>					

The following information was developed using Wyoming DEQ-generated pollutant emission calculations. The values may be provided to USEPA by the Wyoming DEQ. You may modify these Wyoming DEQ-generated emission calculations if you have more accurate information.

Hazardous Air Pollutants/Greenhouse Gases/Other		Emissions Reported			
Pollutant		Fugitive Amount	Stack Amount	Total	Units
<div>Printable view</div> <div>Export to excel</div>					

▼ Attachments

Attachment ID	Attachment Type	Description	Trade Secret Document	Trade Secret Justification	Uploaded By	Upload Date
<div>Add</div> <div>Printable view</div> <div>Export to excel</div>						

To Delete the attachment, or to Edit attachment description, click in the Attachment ID column.

Exclude/Include Emissions Units Validate

Associate with Different Facility Inventory Download/Print Download/Print Trade Secret Version

EIs: Selecting Units

- Select the appropriate option:
 - Detailed Emissions (i.e. reporting is required)
 - Less than Reporting Requirement
 - Did Not Operate

Excluding & Including Emissions Units from Detailed Reporting

The **Detailed Emissions** column should be checked and process level emissions reporting is required unless the emission unit did not operate (had zero emissions) or emitted less than its reporting requirement. If either of these two conditions are true, click the appropriate reason in the last column to exclude the unit from the reporting requirements for this emissions inventory.

Caution: If the detailed emission reporting is specified for an emissions unit you are now choosing to exclude, any emissions information you have already entered for the unit will be lost.

Mark All 'Detailed Emissions Reporting'		Mark All 'Less Than Reporting Requirement'		Mark All 'Did Not Operate'	
Emission Unit	Company Equipment ID	Detailed Emissions	Exclude Detailed Emissions Reporting		
DHY001	DHY1	<input checked="" type="checkbox"/>	<input type="radio"/> Less Than Reporting Requirement <input type="radio"/> Did Not Operate		
ENG001	E1	<input checked="" type="checkbox"/>	<input type="radio"/> Less Than Reporting Requirement <input type="radio"/> Did Not Operate		
ENG002	E2	<input checked="" type="checkbox"/>	<input type="radio"/> Less Than Reporting Requirement <input type="radio"/> Did Not Operate		
		Printable view		Export to excel	

Click "Save" when finished

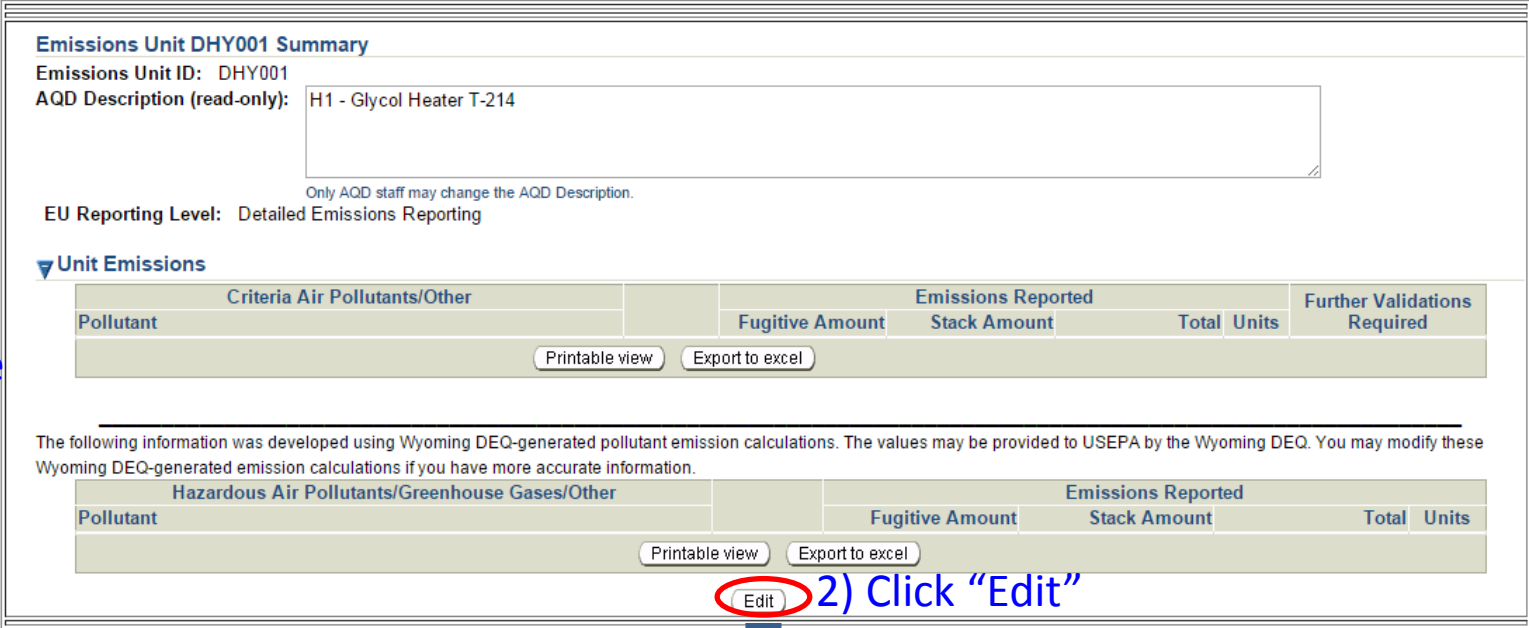
Save

Cancel

EIs: Selecting Units

- Exclude/Include Emissions Unit can also be done from the unit itself

1) Select the unit you to want to include in the inventory



Emissions Unit DHY001 Summary
Emissions Unit ID: DHY001
AQD Description (read-only): H1 - Glycol Heater T-214
Only AQD staff may change the AQD Description.
EU Reporting Level: Detailed Emissions Reporting

Unit Emissions

Pollutant	Criteria Air Pollutants/Other	Fugitive Amount	Emissions Reported		Total	Units	Further Validations Required
			Stack Amount				
<div>Printable view Export to excel</div>							

The following information was developed using Wyoming DEQ-generated pollutant emission calculations. The values may be provided to USEPA by the Wyoming DEQ. You may modify these Wyoming DEQ-generated emission calculations if you have more accurate information.

Pollutant	Hazardous Air Pollutants/Greenhouse Gases/Other	Fugitive Amount	Emissions Reported		Total	Units
			Stack Amount			
<div>Printable view Export to excel</div>						

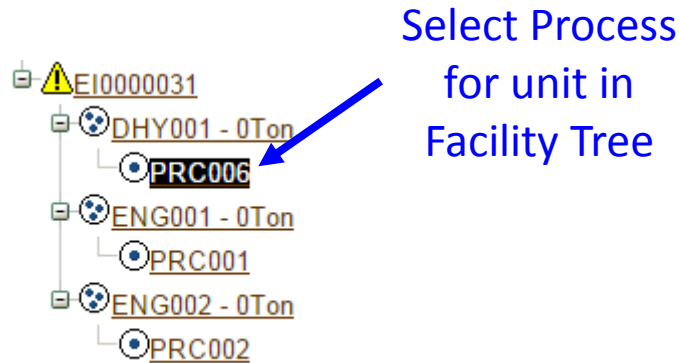
2) Click "Edit"

3) Choose reporting option

Emissions Unit DHY001 Summary
Emissions Unit ID: DHY001
AQD Description (read-only): H1 - Glycol Heater T-214
Only AQD staff may change the AQD Description.
EU Reporting Level: ☒ Detailed Emissions Reporting ☐ Less Than Reporting Requirement ☐ Did Not Operate

EIs: Entering Data

- Actual emissions and operating details are added for the **process**



Process & Emissions Detail

► PRC006: Source Classification Code (SCC) is 3-10-003-02

▼ Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule/Material/Variables/Factors/Explanations contain Trade Secrets? No.

Maximum Hours Per Day: 24

Maximum Days Per Week: 7

Maximum Weeks Per Year: 52

Actual Hours Per Year:

Winter (Jan-Feb, Dec)%: 25

Spring (Mar-May)%: 25

Summer (Jun-Aug)%: 25

Fall (Sep-Nov)%: 25

Material	Action	Throughput	Units
Gas	Produced	pending	MILLION CUBIC FEET

▼ Explanation

To complete emissions reporting for this process, you have to provide values above for **Schedule**, **Season Percents** and **Material Throughput** in the units specified by **Units**. If there is a choice of more than one **Material**, you must select which is most appropriate, otherwise no action is needed on your part. The word pending appears each place a value is needed.

Variable Amount in Gas Units & Meaning

The variables table is empty because there are no variables in the formula associated with the FIRE rows for this process.

► Explanation

Click to enter/edit any of the above
information

Edit Material/Schedule/Seasons

Els: Entering Data

Select "Yes" if entered/submitted information pertaining to the process is Trade Secret (requires justification)

Process & Emissions Detail

▶ PRC006: Source Classification Code (SCC) is 3-10-003-02

▼ Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule/Material/Variables/Factors/Explanations contain Trade Secrets? ☒ No. ☐ Yes.

Maximum Hours Per Day:	24
Maximum Days Per Week:	7
Maximum Weeks Per Year:	52
* Actual Hours Per Year:	

Default values are auto-filled (year-round operation)

Material	Action	Throughput	Units
Gas	Produced		MILLION CUBIC FEET

Information in this section will vary by process

▼ Explanation

To complete emissions reporting for this process, you have to provide values above for **Schedule**, **Season Percents** and **Material Throughput** in the units specified by **Units**. If there is a choice of more than one **Material**, you must select which is most appropriate, otherwise no action is needed on your part. The word pending appears each place a value is needed.

Complete all required fields –
Note that this information must be completed for the emission calculator to work

EIs: Entering Data

Example for amine sweetening process (SCC 3-10-002-01):

Winter (Jan-Feb, Dec)%: 25

Spring (Mar-May)%: 25

Summer (Jun-Aug)%: 25

Fall (Sep-Nov)%: 25

Default values
are auto-filled

Information in
this section will
vary by process
(may not require
any information)

Variable	Amount in Sour Gas	Units & Meaning
S	pending	% Sulfur content by weight

Click "Save"
when finished

Els: Entering Data

▼ Process Emissions

Criteria Air Pollutants/Other			Uncontrolled Emissions Factor (Lbs/Throughput Units)	Time-based Factor (LBS/Hour)	Emissions Reported				
Pollutant	Method Used	Hours Uncontrolled			Fugitive Amount	Stack Amount	Total	Units	Explanation
PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)	pending							TONS	
PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)	pending							TONS	
Formaldehyde	pending							TONS	
NOx - Nitrogen Oxides	pending							TONS	
Pb - Lead	pending							TONS	
SO2 - Sulfur Dioxide	pending							TONS	
VOC - Volatile Organic Compounds	pending							TONS	
Ammonia	pending							TONS	

Printable view Export to excel

The following information was developed using Wyoming DEQ-generated pollutant emission calculations. The values may be provided to USEPA by the Wyoming DEQ. You may modify these Wyoming DEQ-generated emission calculations if you have more accurate information.

Hazardous Air Pollutants/Greenhouse Gases/Other			Uncontrolled Emissions Factor (Lbs/Throughput Units)	Time-based Factor (LBS/Hour)	Emissions Reported				
Pollutant	Method Used	Hours Uncontrolled			Fugitive Amount	Stack Amount	Total	Units	Explanation

Printable view Export to excel

[Edit Emissions](#)

Click “Edit Emissions” to enter emissions data

EIs: Entering Data

- Choose method used for calculating emissions:
 - Time-based factors (obtained through various means)
 - Throughput-based factor (e.g., lb/MMBtu, lb/ton): based on throughput entered above in “Material Information, Annual Average Operating Schedule & Throughput Percent” section
 - Emissions: Enter actual emissions

Criteria Air Pollutants/Other	
Pollutant	Method Used
PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)	<div><div></div><div></div></div>
PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)	<div><div>Time-based factor - CEM</div><div>Time-based factor - Stack Test</div><div>Time-based factor - Estimated</div><div>Throughput-based factor</div><div>Time-based factor - Allowable</div><div>Emissions</div></div>
Formaldehyde	
NOx - Nitrogen Oxides	
Pb - Lead	
SO2 - Sulfur Dioxide	<div><div></div><div></div></div>
VOC - Volatile Organic Compounds	<div><div></div><div></div></div>
Ammonia	<div><div></div><div></div></div>

Els: Entering Data

Required for time-based factor methods only - Used to calculate controlled emissions

Calculated for time and throughput based factor methods, required for Emissions method (calculation details on next slide)

Calculated

Required for throughput and time based factor methods

	Hours Uncontrolled	Uncontrolled Emissions Factor (Lbs/Throughput Units)	Time-based Factor (LBS/Hour)	Emissions Reported			Units	Explanation
				Fugitive Amount	Stack Amount	Total		
<input type="text"/>							TONS	add
<input type="text"/>							TONS	add
<input type="text"/>							TONS	add
<input type="text"/>							TONS	add
<input type="text"/>							TONS	add
<input type="text"/>							TONS	add
<input type="text"/>							TONS	add
<input type="text"/>							TONS	add

****Reminder: Emission calculator will only work if the actual throughput and hours of operation are completed in the top section**

Required for throughput and time-based factor methods

Required for all methods, but will NOT result in validation error if left blank. Click "add" and enter description, or refer to attached documentation.

EIs: Calculation Chart

	Uncontrolled Hours	Capture Efficiency	Control Efficiency	Uncontrolled Emissions		Controlled Emissions	
				Fugitive Emissions (LBS)	Stack Emissions (LBS)	Fugitive Emissions (LBS)	Stack Emissions (LBS)
Time-based factor	0	100	N	0	0	0	Actual Hours of Operation X Time-Based Factor
	0	< 100	N	0	0	(Material Throughput X %Fugitive Emissions) X Uncontrolled Emissions Factor	Actual Hours of Operation X (Time-Based Factor X Capture Efficiency)
	> 0	100	N	0	(Material Throughput X %Uncontrolled Hours) X Uncontrolled Emissions Factor	0	Controlled Hours of Operation X Time-based Emissions Factor
	> 0	< 100	N	(Material Throughput X %Uncontrolled Hours) X %Fugitive Emissions X Uncontrolled Emissions Factor	(Material Throughput X %Uncontrolled Hours) X Capture Efficiency X Uncontrolled Emissions Factor	(Material Throughput X %Controlled Hours) X %Fugitive Emissions X Uncontrolled Emissions Factor	Controlled Hours of Operation X (Time-Based Factor X Capture Efficiency)
Throughput-based factor	0	100	N	0	0	0	(Material Throughput X %Control Equipment Output) X Uncontrolled Emissions Factor
	0	< 100	N	0	0	(Material Throughput X %Fugitive Emissions) X Uncontrolled Emissions Factor	(Material Throughput X %Control Equipment Output) X Uncontrolled Emissions Factor
	> 0	100	N	0	(Material Throughput X %Uncontrolled Hours) X Uncontrolled Emissions Factor	0	(Material Throughput X %Controlled Hours) X %Control Equipment Output X Uncontrolled Emissions Factor
	> 0	< 100	N	(Material Throughput X %Uncontrolled Hours) X %Fugitive Emissions X Uncontrolled Emissions Factor	(Material Throughput X %Uncontrolled Hours) X Capture Efficiency X Uncontrolled Emissions Factor	(Material Throughput X %Controlled Hours) X %Fugitive Emissions X Uncontrolled Emissions Factor	(Material Throughput X %Controlled Hours) X %Control Equipment Output X Uncontrolled Emissions Factor
1	%Fugitive Emissions			(100 - Capture Efficiency)%			
2	%Uncontrolled Hours			[(100 X Hours Uncontrolled) / Actual Hours Per Year]%			
3	%Controlled Hours			(Actual Hours Per Year - Hours Uncontrolled)%			
4	%Control Equipment Output			[Capture Efficiency - (Capture Efficiency X Control Efficiency%)]%			
5	Controlled Hours of Operation			Actual Hours Per Year - Hours Uncontrolled			

EIs: Entering Data

- Based on the SCC of the emission unit, the EPA webFIRE pollutants for that SCC will be populated in the HAP/GHG table with their emission factors.
- Flare Example:

The following information was developed using Wyoming DEQ-generated pollutant emission calculations. The values may be provided to USEPA by calculations if you have more accurate information.

	Hazardous Air Pollutants/Greenhouse Gases/Other			Uncontrolled Emissions Factor (Lbs/Throughput Units)	Time-based Factor (LBS/Hour)	
Select	Pollutant	Method Used	Hours Uncontrolled			
	Carbon Dioxide	Throughput-based factor ▼	0	120,000.		
	Methane	Throughput-based factor ▼	0	2.3		
	Nitrous Oxide	Throughput-based factor ▼	0	2.2		

Add EmissionDelete Selected Emission(s)Printable viewExp

SaveCancel

Pre-populated pollutants
cannot be deleted, but
method used/factor can be
edited

EIs: Entering Data

The following information was developed using Wyoming DEQ-generated pollutant emission calculations. The values may be provided to USEPA by calculations if you have more accurate information.

Select	Hazardous Air Pollutants/Greenhouse Gases/Other	Method Used	Hours Uncontrolled	Uncontrolled Emissions Factor (Lbs/Throughput Units)	Time-based Factor (LBS/Hour)
	Carbon Dioxide	Throughput-based factor ▼	0	120,000.	
	Methane	Throughput-based factor ▼	0	2.3	
	Nitrous Oxide	Throughput-based factor ▼	0	2.2	

Click to add a pollutant



The following pollutants may be provided to USEPA by the Wyoming DEQ. You may modify these Wyoming

- CO - Carbon Monoxide
- CO2e - Carbon Dioxide Equivalent
- NOx - Nitrogen Oxides
- Pb - Lead
- PM (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)
- PM (Filt) - Primary PM, Filterable Portion Only
- PM10 (FIL) - Filterable Portion Only
- PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)
- PM2.5 (FIL) - Filterable Portion Only
- PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)
- SO2 - Sulfur Dioxide
- Total Combined HAPs Pollutants*
- VOC - Volatile Organic Compounds
- (Octafluorotetramethyl-ene)hydroxymethyl group
- 2,2,3,3,3-pentafluoropropanol
- 2,4,4-Trichlorobiphenyl (PCB-28)
- 2-Chlorobiphenyl (PCB-1)
- 4,4-Dichlorobiphenyl (PCB-15)
- Acenaphthene
- ☐ Total Combined Greenhouse Gas Pollutants*

Printable view Export to excel

Method Used	Hours Uncontrolled	Uncontrolled Emissions Factor (Lbs/Throughput Units)	Time-based Factor (LBS/Hour)
Throughput-based factor ▼	0	120,000.	
Throughput-based factor ▼	0	2.3	
Throughput-based factor ▼	0	2.2	

Added pollutants can be selected, then deleted

Save

Cancel

Save changes when finished

Els: Viewing Data

- Emissions now appear under Emissions Unit

EI0000037

FLR001 - 45.0838Ton

PRC004

Emissions Unit FLR001 Summary

Emissions Unit ID: FLR001

AQD Description (read-only):

Only AQD staff may change the AQD Description.

EU Reporting Level: Detailed Emissions Reporting

Unit Emissions

Criteria Air Pollutants/Other		Emissions Reported				Further Validations Required
Pollutant		Fugitive Amount	Stack Amount	Total	Units	
PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)	Locate	0	0	0	TONS	
PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)	Locate	0	0	0	TONS	
Formaldehyde	Locate	0	0	0	TONS	
NOx - Nitrogen Oxides	Locate	0	44.0738	44.0738	TONS	
Pb - Lead	Locate	0	0	0	TONS	
SO2 - Sulfur Dioxide	Locate	0	.01	0.01	TONS	
VOC - Volatile Organic Compounds	Locate	0	1	1	TONS	
Ammonia	Locate	0	0	0	TONS	

[Printable view](#) [Export to excel](#)

The following information was developed using Wyoming DEQ-generated pollutant emission calculations. The values may be provided to USEPA by the Wyoming DEQ. You may modify these Wyoming DEQ-generated emission calculations if you have more accurate information.

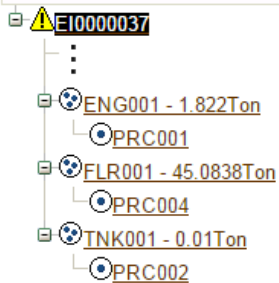
Hazardous Air Pollutants/Greenhouse Gases/Other		Emissions Reported			
Pollutant		Fugitive Amount	Stack Amount	Total	Units
CO - Carbon Monoxide	Locate	0	87.9924	87.9924	TONS
Carbon Dioxide	Locate	0	109,500.	109,500.	TONS
Methane	Locate	0	2.09875	2.09875	TONS
Nitrous Oxide	Locate	0	2.0075	2.0075	TONS

[Printable view](#) [Export to excel](#)

[Edit](#)

Els: Viewing Data

- Total reported emissions summarized under facility



Emissions Inventory Summary

Explanation

- Use the Exclude/Include Emissions Units button to indicate which emissions units:
 - Did not operate at all during the year
 - Emitted less than the reporting requirement
 - Do require detailed emissions inventory reporting
- For each Emissions Process that requires detailed emissions inventory reporting, navigate to that Process and provide the necessary information
- Attach any files needed to support the reported emissions

Facility Emissions

Criteria Air Pollutants/Other		Emissions Reported			
Pollutant		Fugitive Amount	Stack Amount	Total	Units
PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)	Locate	0	0.01	0.01	TONS
PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)	Locate	0	0.01	0.01	TONS
Formaldehyde	Locate	0	0	0	TONS
NOx - Nitrogen Oxides	Locate	0	45.8238	45.8238	TONS
Pb - Lead	Locate	0	0	0	TONS
SO2 - Sulfur Dioxide	Locate	0	0.012	0.012	TONS
VOC - Volatile Organic Compounds	Locate	0.01	1.05	1.06	TONS
Ammonia	Locate	0	0	0	TONS

[Printable view](#) [Export to excel](#)

The following information was developed using Wyoming DEQ-generated pollutant emission calculations. The values may be provided to USEPA by the Wyoming DEQ. You may modify these Wyoming DEQ-generated emission calculations if you have more accurate information.

Hazardous Air Pollutants/Greenhouse Gases/Other		Emissions Reported			
Pollutant		Fugitive Amount	Stack Amount	Total	Units
CO - Carbon Monoxide	Locate	0	87.9924	87.9924	TONS
Carbon Dioxide	Locate	0	109,500.	109,500.	TONS
Methane	Locate	0	2.09875	2.09875	TONS
Nitrous Oxide	Locate	0	2.0075	2.0075	TONS

[Printable view](#) [Export to excel](#)

Els: Viewing Data

Clicking “Locate” will open a pop-up window identifying all units/processes contributing to the listed emissions

Facility Emissions

Criteria Air Pollutants/Other		Emissions Reported			
Pollutant		Fugitive Amount	Stack Amount	Total	Units
PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)	Locate	0	0.01	0.01	TONS
PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)	Locate	0	0.01	0.01	TONS
Formaldehyde	Locate	0	0	0	TONS
NOx - Nitrogen Oxides	Locate	0	45.8238	45.8238	TONS

Locations of NOx - Nitrogen Oxides (NOX)

In Emission Units

EU Name	Emissions Reported			
	Fugitive Amount	Stack Amount	Total	Units
FLR001	0	44.0738	44.0738	TONS
ENG001	0	1.75	1.75	TONS
TNK001	0	0	0	TONS

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In Processes within Emission Units

Process Name	EU Name	Process Information					Emissions Reported			
		SCC	Hours Operation	Material	Throughput	Units	Fugitive Amount	Stack Amount	Total	Units
PRC004	FLR001	3-06-009-03	8760.0	Natural Gas	1825	MILLION CUBIC FEET	0	44.0738	44.0738	TONS
PRC001	ENG001	2-02-002-54	100.0	Fuel	20	MILLION BTUS	0	1.75	1.75	TONS
PRC002	TNK001	4-04-003-36	8760.0	Diesel	10000	1000 GALLONS	0	0	0	TONS

[Printable view](#)
[Export to excel](#)

[Close](#)

EIs: Attaching Documents

- Attach files such as emissions documentation on the facility page

Attachments

Attachment ID	Attachment Type	Description	Trade Secret Document	Trade Secret Justification	Uploaded By	Upload Date
			Add	Printable view	Export to excel	

To Delete the attachment, or to Edit attachment description, click in the Attachment ID column.

* Attachment Type : Please select ▼

* Description : Please select

* Public File to Upload

- Annual Summary of Emissions
- Calculations
- Other
- Quarterly Summary of Emissions
- Semi-Annual Summary of Emissions
- Trade Secret Document

Apply Cancel

Justification required
when attaching Trade
Secret Documentation

Els: Viewing Data

- Choose “Download/Print” or “Download/Print Trade Secret Version” to download a report style version of the inventory

Attachments

Attachment ID	Attachment Type	Description	Trade Secret Document	Trade Secret Justification	Uploaded By	Upload Date
1	Calculations	Calculations	None Provided	N/A	Portal User	11/10/2014
<div>AddPrintable viewExport to excel</div>						

To Delete the attachment, or to Edit attachment description, click in the Attachment ID column.

Exclude/Include Emissions UnitsValidate

Associate with Different Facility InventoryDownload/PrintDownload/Print Trade Secret Version

Emissions Inventory Documents

Document Description

[Emissions Inventory Summary \(Trade Secret\)](#)

[Emissions Inventory \(Trade Secret\)](#)

[Printable View of Facility Inventory](#)

[Emissions Inventory zip file](#)

Attachments that are part of the Emissions Inventory

Document Description

[Calculations](#)

Select a link in an above table to view or download a document to print.

Close

Sample Emissions Inventory Summary

2013 Emissions Summary Report : EI0000037

Nov 10 2014, 21:35:34

Report Data

Report Category: TV

Submitted Date:

Facility Emissions

Pollutant	Fugitive Amount	Stack Amount	Total	Units
PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)	0	0.01	0.01	TONS
PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)	0	0.01	0.01	TONS
Formaldehyde	0	0	0	TONS
NOx - Nitrogen Oxides	0	45.8238	45.8238	TONS
Pb - Lead	0	0	0	TONS
SO2 - Sulfur Dioxide	0	0.012	0.012	TONS
VOC - Volatile Organic Compounds	0.01	1.05	1.06	TONS
Ammonia	0	0	0	TONS

The following information was developed using Wyoming DEQ-generated pollutant emission calculations. The values may be provided to USEPA by the Wyoming DEQ. You may modify these Wyoming DEQ-generated emission calculations if you have more accurate information.

Pollutant	Fugitive Amount	Stack Amount	Total	Units
CO - Carbon Monoxide	0	87.9924	87.9924	TONS
Carbon Dioxide	0	109,500.	109,500.	TONS
Methane	0	2.09875	2.09875	TONS
Nitrous Oxide	0	2.0075	2.0075	TONS

Attachments

Attachment ID	Description	Type	Public Document	Trade Secret Document	Trade secret Justification
1	Calculations	Calculations	X		

Sample Printable View of Facility Inventory

Facility : F025972

Nov 10 2014, 21:35:34

Facility Information

Facility ID: F025972

FacilityName: Test Facility

Facility Description: Test

Company Name: WDEQ/WQD

Operating Status: Operating

Facility Class: Title V

AFS:

Facility Type: Compressor Station

Location

Physical Address	City	County	Lat/Long	PLSS	Effective Date
On Cow Creek Road 2 miles east of Dull Center Road	Converse County	Converse	43.29083/-105.09956	S2-T38N-R69W	09/15/2014

Location Detail For : On Cow Creek Road 2 miles east of Dull Center Road

Latitude: 43.29083

Longitude: -105.09956

Quarter Quarter:

Quarter:

Section: 2

Township: 38N

Range: 69W

County: Converse

State: Wyoming

Distict: District 2

Physical Address 1: On Cow Creek Road 2 miles east of Dull Center Road

Physical Address 2:

EIs: Submitting Report

- Once finished entering data and attaching files, click Validate to check for errors and missing data

Attachments

Attachment ID	Attachment Type	Description	Trade Secret Document	Trade Secret Justification	Uploaded By	Upload Date
1	Calculations	Calculations	None Provided	N/A	Portal User	11/10/2014
<div>AddPrintable viewExport to excel</div>						

To Delete the attachment, or to Edit attachment description, click in the Attachment ID column.

Exclude/Include Emissions Units **Validate**

Associate with Different Facility Inventory

Download/Print

Download/Print Trade Secret Version

EIs: Submitting Report

- If you indicated that a process contained trade secret information, the following message will appear:

Trade Secret Claims Made

You are claiming that the information to be submitted contains trade secret(s). Please be aware that this claim must meet the Wyoming Air Quality Standards and Regulations provisions for trade secret information.

OK

Els: Submitting Report

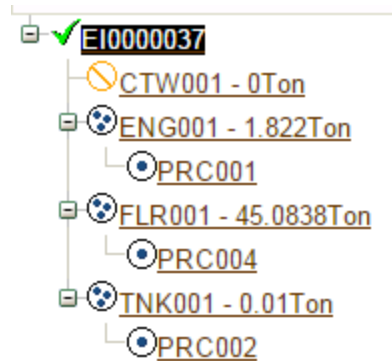
- Correct any errors

Severity	EU ID	Message
ERROR	TNK001	<u>P:PRC002:Emissions values missing for PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)</u>
<div>Printable viewExport to excel</div>		
<div>Close</div>		

Clicking on the error message will take you to the source of the error

EIs: Submitting Report

- A checkmark next to the facility in the Facility Tree indicates successful validation



EIs: Submitting Report

- Several layers of “are you sure?” menus:
 - Click “Submit”



Associate with Different Facility Inventory

Download/Print

Download/Print Trade Secret Version

- Provided that you are authorized to sign the application, click “Yes”

I am authorized by law to electronically sign and attest to the accuracy of this submission.



EIs: Submitting Report

- Click yes to certify accuracy of the application

Are you sure you want to Submit the changes?

By completing and submitting this form, you are attesting to the following: For the period(s) checked, I affirm based on information and belief formed after reasonable inquiry, that all factual statements in this inventory are true, accurate and complete to the best of my knowledge, and that all judgments and estimates provided in this inventory have been made in good faith. I understand that the data provided in this document will be used by the Wyoming DEQ to calculate an emissions fee, which is required to be paid under W.S. 35-11-211 and Chapter 6, Section 3 of the Wyoming Air Quality Standards and Regulations, based on the tons of pollution emitted by the facility.

- Click “Submit” a final time

Submission may take several minutes depending on the amount of data being processed. If this submission requires an e-signature, a form will appear in this window allowing you to e-sign the submission. Upon successful e-signing, your submission will resume.

Please click the submit button only once

EIS: Submitting Report

Login

ENV-ITE requires a free account from [eGov - State of Wyoming Online Services](#).

ATTESTATION WARNING

This Environmental IT Environmental ("ENV-ITE") system has been established by the Wyoming Department of Environmental Quality (WDEQ) for the use of businesses or entities required to file reports or other data pursuant to federal and state laws and regulations. By affixing my electronic signature to any documents or data and by choosing to submit documents and data through the WDEQ's ENV-ITE system, I certify, acknowledge, and/or agree as follows:

- I am responsible for protecting my PIN, answers to secret questions from compromise;
- That I am the duly authorized representative of the business or entity associated with the electronic signature credential assigned to me by the WDEQ and that I am uniquely entitled to use the signature device;
- That the data I am submitting is true and correct to the best of my knowledge;
- That I may be subject to civil or administrative enforcement and penalties for failure to comply with reporting requirements under regulatory programs applicable to the business or entity I represent;
- That I may be subject to criminal liability for false certification of the data submitted; and
- That I am free to discontinue any transaction prior to finalization; otherwise, the document will be submitted to the WDEQ and the transaction will be complete, subject to my opportunity to repudiate the document as submitted in a human-readable format.

☐ I certify, acknowledge, and/or agree to the above.

Username

Password

Sign In

Sign in to ENV-ITE using your username and password

Els: Submitting Report

- Digitally sign the application by entering your PIN and answering the security question, then click “Save”

Apply Digital Signature

Your signature will be applied to the following documents:

PIN:

- 68719117-A0000489.zip

Security Question: What is the name of your first pet?

Save

- You should receive the following as confirmation that the application was submitted

Submit task completed successfully.

Close

Training and IMPACT Contacts

WDEQ IMPACT Contacts:

- > Setup Support - Email -
deq-air-impact@wyo.gov
- > Technical Support:
 - ❖ Zac Mangin - 307-777-6282
zachary.mangin@wyo.gov
 - ❖ Adam Deppe 307-777-8754
adam.deppe@wyo.gov
- > Program Administrator-
Brian Hall 307-777-6088
brian.hall@wyo.gov

Questions?

